LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

311 WEST QUAY AVENUE

P. O. BOX 1720

ARTESIA, NEW MEXICO 88211-1720

PHONE (505) 746-3505

FAX (505) 746-6316

ERNEST L. CARROLL
JOEL M. CARSON
JAMES E. HAAS

OF COUNSEL
A. J. LOSEE

February 15, 2001

Via Federal Express

Mr. Michael Stogner, Hearing Examiner
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Bass Enterprises Production Co. for Unorthodox Bottomhole Oil Well Location, Eddy County, New Mexico

Dear Mr. Stogner:

Enclosed for your files, please find an original application with colored Exhibits which was faxed to you on today's date. If you need anything further, please do not hesitate to call.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.

Hannah Palomin

Hannah Palomin
Secretary to Ernest L. Carroll

Encl.

cc: Bass Enterprises Production
Attn: Mr. Wayne Bailey

BEFORE THE OIL CONSERVATION DIVISION

OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF:
BASS ENTERPRISES PRODUCTION CO. FOR : CASE NO. _____
AN UNORTHODOX OIL WELL LOCATION :
EDDY COUNTY, NEW MEXICO :

APPLICATION

COMES NOW Bass Enterprises Production Co., by and through its attorneys, Losee, Carson, Haas & Carroll, P.A., (Ernest L. Carroll), and in support hereof respectively states:

1. Applicant is the operator of the Strawn formation underlying the E/2, of Section 15, Township 21 South, Range 29 East, N.M.P.M., Eddy County, New Mexico. Applicant has already submitted an application for permit to drill ("APD") its Big Eddy Unit No. 61-A at a surface location 1983' from the South line, and 1990' from the West line of the said Section 15 with a bottom hole location of 330' from the North line and 1650' from the East line. This APD was approved on November 17, 2000.

2. The applicant seeks an exception to the well location requirements of Rule 104.C(1)(a) of the Oil Conservation Division to permit the re-entry of the Big Eddy Unit #61 and the drilling of a directional well to TD at the above-mentioned unorthodox bottom hole location at a depth sufficient to adequately test the Strawn formation.

3. A 320-acre oil proration unit comprising of the E/2, of Section 15 is to be dedicated to such well.

4. Attached to this application as Exhibit "1" is a land plat showing the ownership of all 320-acre proration units located around the E/2 of said Section 15. All such proration units are owned and operated by the same Bass entities, as so denoted in the ownership portion of said land plat.

5. Application is sought for an administrative approval of this unorthodox location pursuant to Rule 104.F(2), and is sought based upon geologic conditions as shown on a structure map drawn on the top of the Strawn formation as dictated by seismic lines. A copy of the structure map drawn on the top of the Strawn formation is attached as Exhibit "2".

6. All affected parties by this application are Bass entities, and no further notification to any other parties has been made of this application.

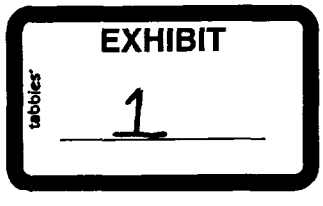
7. Attached hereto as Exhibits "3", "4" and "5" respectively are the Application for Permit to drill and directors approval from the BLM, Approval by Mississippi Potash, Inc. to re-enter the Big Eddy Unit No. 61 Well, and Form C102 with attachments.

BASS ENTERPRISES PRODUCTION CO.

By: _____
Ernest L. Carroll

LOSEE, CARSON, HAAS & CARROLL, P.A.
P.O. Box 1720
Artesia, NM 88211-1720

Attorneys for Applicant



EXHIBIT
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2013

GEARNER VS ETAL
FRIESS–STATE
1
335
Sec. 9

T21S-R29E

Sec. 10

Sec. 11

B

B

CHI OPER. INC
B.E.U.
140
13019

CHI OPER. INC
B.E.U.
137
13050

Sec. 16

ENRON
B.E.U.
127
7000

132 ENRON
B.E.U.
6900

320 Acres

B Sec. 15 A

BASS
B.E.U.
13170
61
SHL

1650'

61A
BHL

330'

B Sec. 14

BETTIS BOYLE & STOVALL
B.E.U.
115
5125

114
13134

Sec. 21

BASS
B.E.U.
40
13300

B Sec. 22 B

B Sec. 23

NIX RALPH
NIX–HALL
1
3334

A Perry R. Bass,Inc. (1/4)
Sid R. Bass, Inc. (3/16)
Thru Line, Inc. (3/16)
Keystone, Inc. (3/16)
Lee M. Bass, Inc. (3/16)
201 Main Suite 3100
Fort Worth, TX 76102

B Perry R. Bass,Inc. (1/4)
Sid R. Bass, Inc. (3/16)
Thru Line, Inc. (3/16)
Keystone, Inc. (3/16)
Lee M. Bass, Inc. (3/16)
201 Main Suite 3100
Fort Worth, TX 76102

N
S

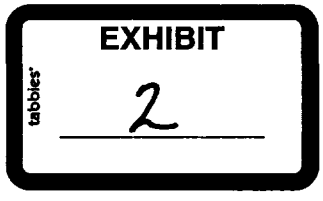
Bass Enterprises Production Co.

BIG EDDY UNIT

Eddy County, New Mexico

Well #61A Land Plat
E/2 Sec. 15, T21S-R29E

DATE:	2-01	INTER. BY:	WC	SCALE:	1" = 2000'
DEPT:	Land	DRAFTED BY:	PO	DWG:	Land Map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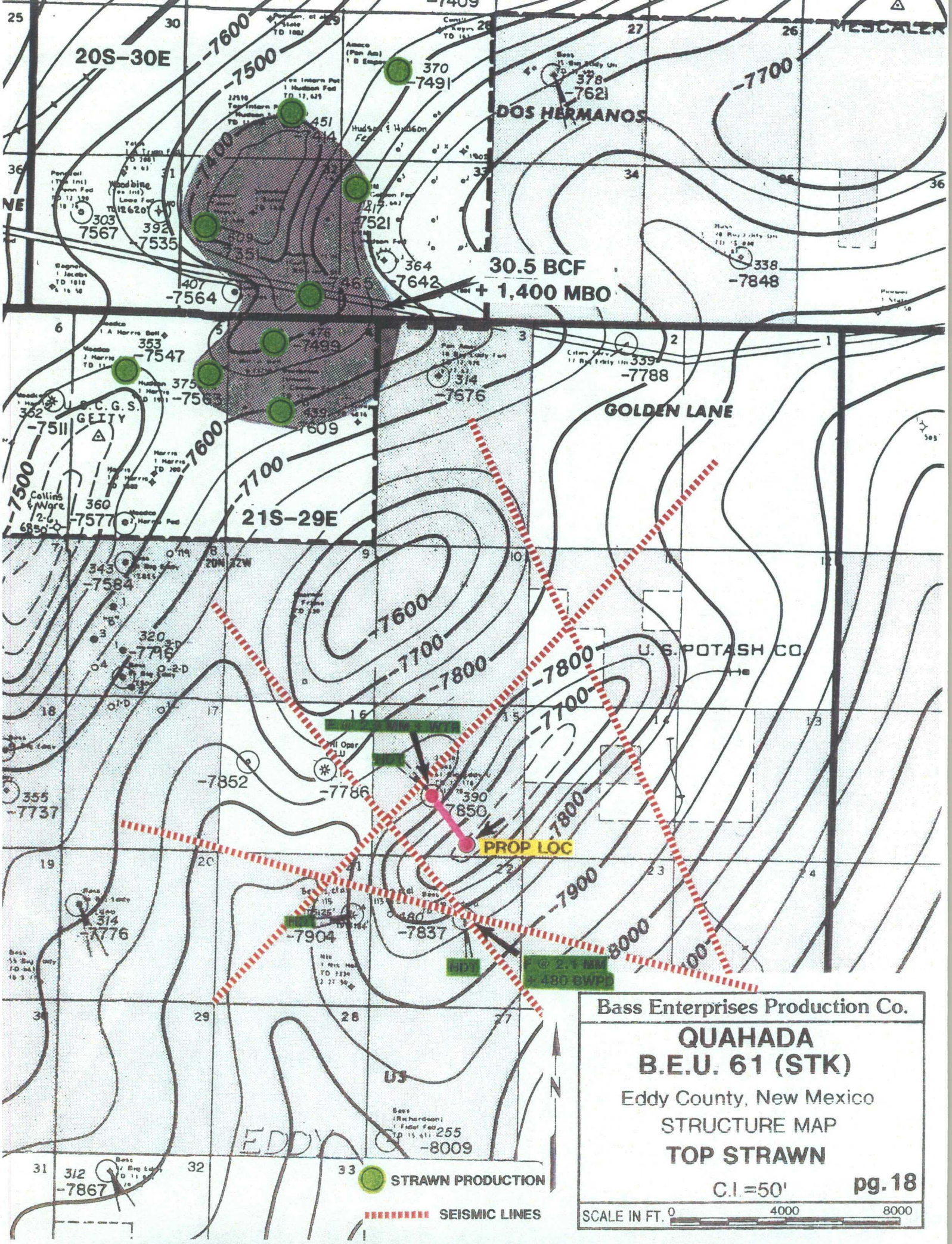
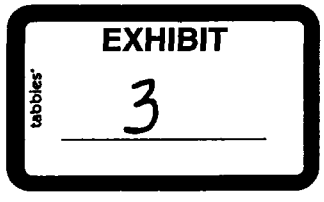

20S-30E
21S-29E
DOS HERMANOS
GOLDEN LANE
MESCALERO
30.5 BCF
+ 1,400 MBO
PROP LOC
U.S. POTASH CO.
-7600
-7500
-7700
-7800
-7900
-8000
STRAWN PRODUCTION
SEISMIC LINES
EDDY
N
Bass Enterprises Production Co.
QUAHADA
B.E.U. 61 (STK)
Eddy County, New Mexico
STRUCTURE MAP
TOP STRAWN
C.I.=50'
pg. 18
SCALE IN FT. 0 4000 8000



EXHIBIT
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Title Title

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
New Mexico State Office
1474 Rodeo Rd.
P.O. Box 27115
Santa Fe, New Mexico 87502-0115

IN REPLY REFER TO:
3160 (06200)
NM-06750

NOV 17 2000

CERTIFIED--RETURN RECEIPT REQUESTED
7099 3220 0004 0017 5694

Bass Enterprises Production Co.
Attn: W. R. Dannels
P. O. Box 2760
Midland, TX 79702-2760

BEPCO - WTD PRODUCTION
NOV 28 2000
RECEIVED

RE: Big Eddy Unit #61-A
NM-06750
1983'/S & 1990'/W, Sec. 15, T. 21 S., R. 29 E. (SHL)
330'/S & 1650'/E, Sec. 15, T. 21 S., R. 29 E. (BHL)
Eddy County, New Mexico

Dear Mr. Dannels:

I have approved your application at the well location requested. A copy of the approved application with stipulations is enclosed. Please contact our Roswell Field Office at (505) 627-0272, should you have any questions or if we can be of any additional help.

Sincerely,

M. J. Chavez
State Director

1 Enclosure

OPERATOR'S COPY

BEPCO - WTD PRODUCTION
NOV 28 2000
RECEIVED

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

FORM APPROVED
Expires December 31, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
Oil Well [XX] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

2. Name of Operator
Bass Enterprises Production Co.

3. Address and Telephone No.
P O Box 2760 Midland, Texas 79702-2760 (915) 683-2277

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At Surface
1983' FSL & 1990' FWL, Section 15, T21S, R29E
At proposed BHL (Center of proposed 330' X 660' target)
330' FSL & 1650' FEL, Section 15, T21S, R29E

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

5. Lease Designation and Serial No.
NM-06750

6. If Indian, Allottee or Tribe Name

7. Unit agreement name
Big Eddy Unit

8. Farm or Lease Name, Well No.
Big Eddy Unit #61-A

9. API Well No.
30-015-22544

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 15, T21S, R29E

14. Distance in miles and direction from nearest town or Post Office*
15 miles east of Carlsbad, NM

12. County or Parish: Eddy
13. State: NM

15. Distance from proposed* Location to nearest Property or lease line, ft. (Also to nearest drlg. unit line, if any)	16. No. of acres in Lease	17. No. of Acres assigned to this Well
330'	600	320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this Lease, ft.	19. Proposed Depth	20. Rotary or Cable Tools
NA	11,600' TVD 12,637' MD	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
3413' GR

22. Approx. date work will start*
Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING		WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 15"	11-3/4"	H40	42#	406'	4 sx Circ to surface 50 sx.
* 11"	8-5/8"	K55/S80	24# & 28#	3215'	1850 sx Circ to surface. DV tool @ 802'.
7-7/8"	5-1/2"	P110	17#	~~12,637'~~ 0-10,637	1825 sx Circ to 3000'. DV tool @ 6500'.
"	"	LS-110	"	10,637-12,637	

Drilling procedure, BOP Diagram, Anticipated Tops & Surface Plans attached.

SECRETARY'S POTASH

This will be a re-entry of an existing wellbore with a controlled directional hole below intermediate casing. KOP @ approx 9100' MD.
Building angle at approx 4.3 deg/100' to 51.47 deg at 10,297' and holding that angle to PTD. All objectives will be within orthodox spacing limits.
Original well was drilled in June 1978. Surface and Intermediate were cemented and remain in place as indicated. TOC for both strings was surface.
(All depths are given as measured depths except when specified otherwise.)

* indicates strings already in place. NOTE: LS-110 is HC-110 PER W.R. DANNELS 9/13/00. LB
This BHL is an unorthodox location. Upon BLM approval of this APD application, BEPCO Land Department will initiate unorthodox location application and procedure.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
Signed J. C. Ward for W.R. Dannels Title Division Drilling Supt. Date 8/31/00

(This space for Federal or State office use)

Permit No. _____ Approval Date _____

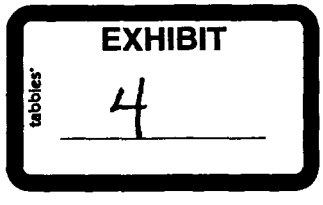
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Approved by M. J. Shaw Title State Director Date 11/17/00

*See Instruction on Reverse Side

APPROVED FOR 1 YEAR

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



EXHIBIT
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Mississippi Potash, Inc.
We Make Things Grow®

October 7, 1999

Bass Enterprises Production Co.
201 Main St.
Fort Worth, TX 76102-3131
Attention: Mr. J. Wayne Bailey

Re: Big Eddy Unit No. 61
Section 15, T-21-S, R-29-E
Eddy County, New Mexico

Dear Mr. Bailey:

Mississippi Potash, Inc. offers no objection to the re-entering and directional drilling of the Big Eddy Unit No. 61 well by Bass Enterprises Production Co.

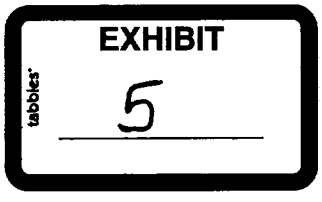
Sincerely,

Jill Farnsworth

Jill Farnsworth
Chief Mine Engineer

Cc: Ms. Leslie Theiss
Bureau of Land Management
Carlsbad Area Resource Office
P.O. Box 1778
Carlsbad, NM 88220

P.O. Box 101 • 1996 Potash Mines Road • Carlsbad, New Mexico 88220
Phone (505) 887-3591 • FAX (505) 887-0705



EXHIBIT
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DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name

Property Code	Property Name	Well Number
	BIG EDDY UNIT	61-A

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3413'

Surface Location

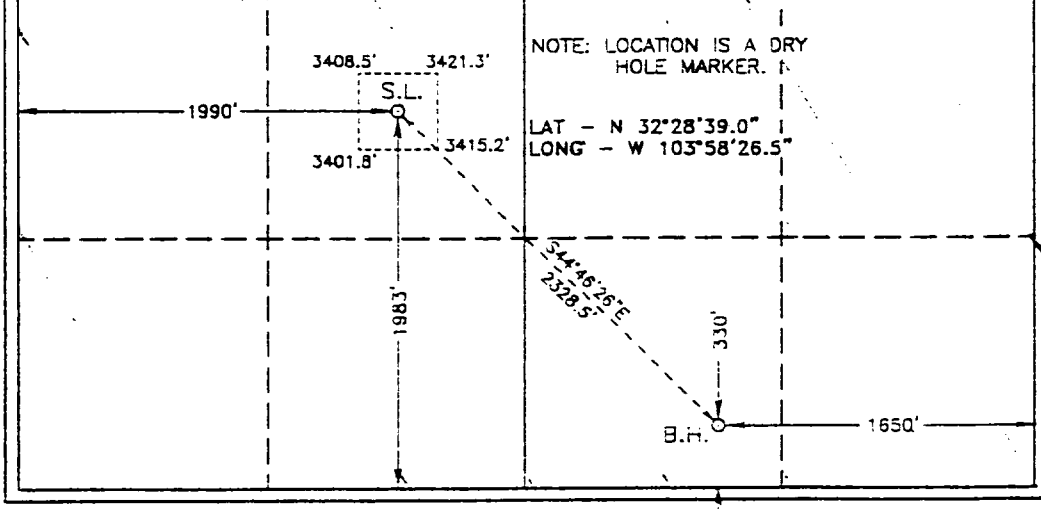
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	21 S	29 E		1983	SOUTH	1990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	21 S	29 E		330	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature FOR
W. R. Dannels
Printed Name
Division Drilling Supt.
Title
21 AUGUST 2000
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

February 9, 2000
Date Surveyed
Signature & Seal of Professional Surveyor
GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL SURVEYOR

W.O. No. 6081AS

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 Below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3439' (est)
GL 3413'

FORMATION	ESTIMATED TOP FROM KB		ESTIMATED SUBSEA TOP	BEARING
	TVD	MD	TVD	
T/Rustler	432'	432'	+3,007'	None
T/Salt	522'	522'	+2,917'	None
B/Salt	2,299'	2,299'	+1,140'	None
T/Delaware	3,132'	3,132'	+ 307'	Oil & Gas
T/Cherry Canyon	4,074'	4,074'	- 635'	Oil & Gas
T/Bone Spring	6,857'	6,857'	- 3,418'	Oil & Gas
T/3rd Bone Spring	9,826'	9,830'	- 6,398'	Oil & Gas
T/Wolfcamp	10,126'	10,270'	- 6,838'	Oil & Gas
T/Strawn	11,100'	11,835'	- 7,668'	Oil & Gas
TD	11,600'	12,637'	- 8,168'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
"16"	0' - 40'	Conductor	New
"11-3/4", 42#, H-40, STC	0' - 406'	Surface	New
* 8-5/8", 24#, K-55, STC	0' - 2,374'	Intermediate	New
* 8-5/8", 28#, S-80, STC	2374' - 3,215'	Intermediate	New
5-1/2", 17#, P110, LTC	0' - 12,637'	Production	New

* Already in place.

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOP equivalent to Diagram 1 will be nippled up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

a) Upon installation
b) After any component changes
c) Fifteen days after a previous test
d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip. See the attached Diagram 1 for the minimum criteria for the choke manifold.

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' – 10,500'	FW Lime	8.5 - 9.2	45-35	NC	NC	NC	9.5
10,500' – TD	CBW/Polymer	8.8 - 13.5	34-55	10-18	12-20	10-15	9.5-10.5

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

Drill stem tests may be performed on significant shows in zones of interest.

B) LOGGING

GR-CNL-LDT, GR-DLL-MSFL run from TD to 9100', shoe to surface.

C) CORING

No cores are anticipated.

D) CEMENT

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT^3/SX
*SURFACE						
Circ to surface 50 sx	300 sx	406	Class C + 2% $CaCl_2$ + 1/4#/sx Flocele	6.30	14.80	1.32

Con't... **POINT 6: TECHNICAL STAGES OF OPERATION**

D) CEMENT

*INTERMEDIATE

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage: (Circ 150 sx to surface)						
Lead	1300	2515	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	200	Class C + 2% $CaCl_2$	6.34	14.80	1.34
2nd Stage: (Circ 12 sx to surface)						
Lead	150	420	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	280	Class C + 2% $CaCl_2$	6.34	14.80	1.34

PRODUCTION (Two stage w/DV tool @ 6500' and circulate cement to surface)

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage						
6500'-12,637' (50% excess)	1175	6137	Poz H + 0.5% FL-25 + 0.5% FL-52 + 2 pps Salt	6.36	14.00	1.36
2nd Stage						
LEAD						
0'-6000' (50% excess)	550	6000	Poz H + 10% Gel + 5% Salt + 0.2% FL-52	12.09	12.59	2.24
TAIL						
6000'-6500' (50% excess)	100	500	Class C Neat	6.34	14.80	1.34

* Surface & Intermediate was cemented in place during previous drilling (6/78).

E) DIRECTIONAL DRILLING (See attached directional plan.)

A straight hole will be re-drilled and drilled to 9100' TVD. A gyro survey or multi-shot survey will be taken every 100' from 9100' to surface.

Directional surveys will be provided at least every 200' from TD to 9100' detailing hole location. See attached directional plan.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout the Delaware, Bone Spring & Wolfcamp sections. The Strawn expected BHP is 9100 (max) or an equivalent mud weight of 13.3 ppg @ TD. Due to the tight nature of the reservoir rock (high pressure, low volume), the well will be drilled under balanced utilizing a rotating head. The expected BHT at TD is 205°F. Prior to penetrating the abnormal pressures in the Strawn, mud-monitoring equipment will be installed and operative. No H_2S is anticipated.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon approval

50 days drilling operations

15 days completion operations

JCW/mac
August 30, 2000

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit "A".

B) Existing Roads:

From the intersection of NM 31 & US 62-180 approximately 15 miles east of Carlsbad, NM, go 4-1/2 miles south on NM 31. Turn right and go 1.9 miles west on lease road to BEU #40 pad. Continue north across pad 1 mile into location.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

The original drilling pad will be reconstructed and the lease road to the location will be the same with necessary reconditioning.

B) Width

Not applicable

C) Maximum Grade

Not applicable.

D) Turnout Ditches

None.

E) Culverts, Cattle Guards, and Surfacing Equipment

None.

POINT 3: LOCATION OF EXISTING WELLS

Exhibit "A-1" indicates existing wells within the surrounding area.

POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES

A) Existing facilities within one mile owned or controlled by lessee/operator:

None.

B) New Facilities in the Event of Production:

Will build new facilities at location pad and lay a flowline to those facilities.

C) Rehabilitation of Disturbed Areas Unnecessary for Production:

Those access areas required for continued production will be graded to provide drainage and minimize erosion. The areas unnecessary for use will be graded to blend in the surrounding topography – See Point 10.

POINT 5: LOCATION AND TYPE OF WATER SUPPLY

A) Location and Type of Water Supply

Brine water will be hauled from commercial facilities. Fresh water to be hauled from Carlsbad, New Mexico or from Mills Ranch.

B) Water Transportation System

Water hauling to the location will be over the existing and proposed roads.

POINT 6: SOURCE OF CONSTRUCTION MATERIALS

A) Materials

Surface caliche will be used if possible. Closest alternate caliche source is indicated on Exhibits "A".

B) Land Ownership

Federally owned land for both surface locations and bottom hole location.

C) Materials Foreign to the Site

No construction materials foreign to this area are anticipated for this drill site.

D) Access Roads

See Exhibit "A".

POINT 7: METHODS FOR HANDLING WASTE MATERIAL

A) Cuttings

Cuttings will be contained in the plastic lined reserve pit.

B) Drilling Fluids

Drilling fluids will be contained in the plastic lined reserve pit.

C) Produced Fluids

Water production will be contained in the plastic lined reserve pit.

Hydrocarbon fluid or other fluids that may be produced during testing will be retained in test tanks. Prior to cleanup operations, any hydrocarbon material in the reserve pit will be removed by skimming or burning as the situation would dictate.

D) Sewage

Current laws and regulations pertaining to the disposal of human waste will be complied with.

E) Garbage

Portable containers will be utilized for garbage disposal during the drilling of this well.

F) Cleanup of Well Site

Upon release of the drilling rig, the surface of the drilling pad will be graded to accommodate a completion rig if electric log analysis indicate potential productive zones. In any case, the "mouse" hole and the "rat" hole will be filled and covered. The reserve pit will be bird netted and fenced. The fence will be maintained until the pit is backfilled. Reasonable cleanup will be performed prior to the final restoration of the site.

POINT 8: ANCILLARY FACILITIES

None required.

POINT 9: WELL SITE LAYOUT

A) Rig Orientation and Layout

Exhibit "C" shows the dimensions of the well pad and reserve pits, and the location of major rig components. Only minor leveling of the well site will be required. No significant cuts or fills will be necessary.

B) Locations of Pits and Access Road

See Exhibits "A" and "C".

C) Lining of the Pits

The reserve pits will be lined with plastic.

POINT 10: PLANS FOR RESTORATION OF THE SURFACE

A) Reserve Pit Cleanup

Pits will be fenced immediately after spudding and maintained until backfilled. Prior to back-filling, any hydrocarbon material on the pit surfaces shall be removed. The fluids and solids contained in the pits shall be backfilled with soil excavated from the site and soil adjacent to the reserve pits. The restored surface of the pits shall be contoured to prevent impoundment of surface water flow. Water-bars will be constructed as needed to prevent excessive erosion. Topsoil, as available, shall be placed over the restored surface in a uniform layer. The area will be seeded to Bureau of Land Management stipulations in the appropriate season following restoration.

B) Restoration Plans - Production Developed

Reserve pits will be backfilled and restored as described above under Item A. In addition, those areas not required for production will be graded to blend with the surrounding topography. Topsoil, as available, will be placed upon those areas and seeded. The portion of the site required for production will be graded to minimize erosion and provide access during inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C) Restoration Plans - No Production Developed

Reserve pits will be restored as described above. With no production developed, the entire surface disturbed by construction of the well site will be restored. The site will be contoured to blend with the surrounding topography and provide drainage of surface water. The topsoil, as available, shall be replaced in a uniform layer and seeded according to the Bureau of Land Management's stipulations.

D) Rehabilitation's Time table

Upon completion of drilling operations, the initial cleanup of the site will be performed as soon as weather and site conditions allow economic execution of the work.

POINT 11: OTHER INFORMATION

A) Terrain

Relatively flat.

B) Soil

Caliche and sand.

C) Vegetation

Sparse, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There are no ponds, lakes, streams or rivers within several miles of the wellsite.

F) Water Wells

There are no water wells within several miles of the wellsite.

G) Residences and Buildings

No buildings within several miles of wellsite.

H) Historical Sites

None observed.

I) Archeological Resources

An archeological survey has been obtained for this area. A full and complete archeological survey has been submitted to the Bureau of Land Management. Any location or construction conflicts will be resolved before construction begins.

J) Surface Ownership

The well site and new access road is on federally owned land. No ROW will be required.

K) Well signs will be posted at the drilling site.

L) Open Pits

All pits containing liquid or mud will be fenced and bird netted.

POINT 12: OPERATOR'S FIELD REPRESENTATIVE

(Field personnel responsible for compliance with development plan for surface use).

DRILLING
William R. Dannels
Box 2760
Midland, Texas 79702
(915) 683-2277

PRODUCTION
Mike Waygood
910 N. Canal, Suite 704
Carlsbad, New Mexico 88220
(505) 887-7329

Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

POINT 13: CERTIFICATION

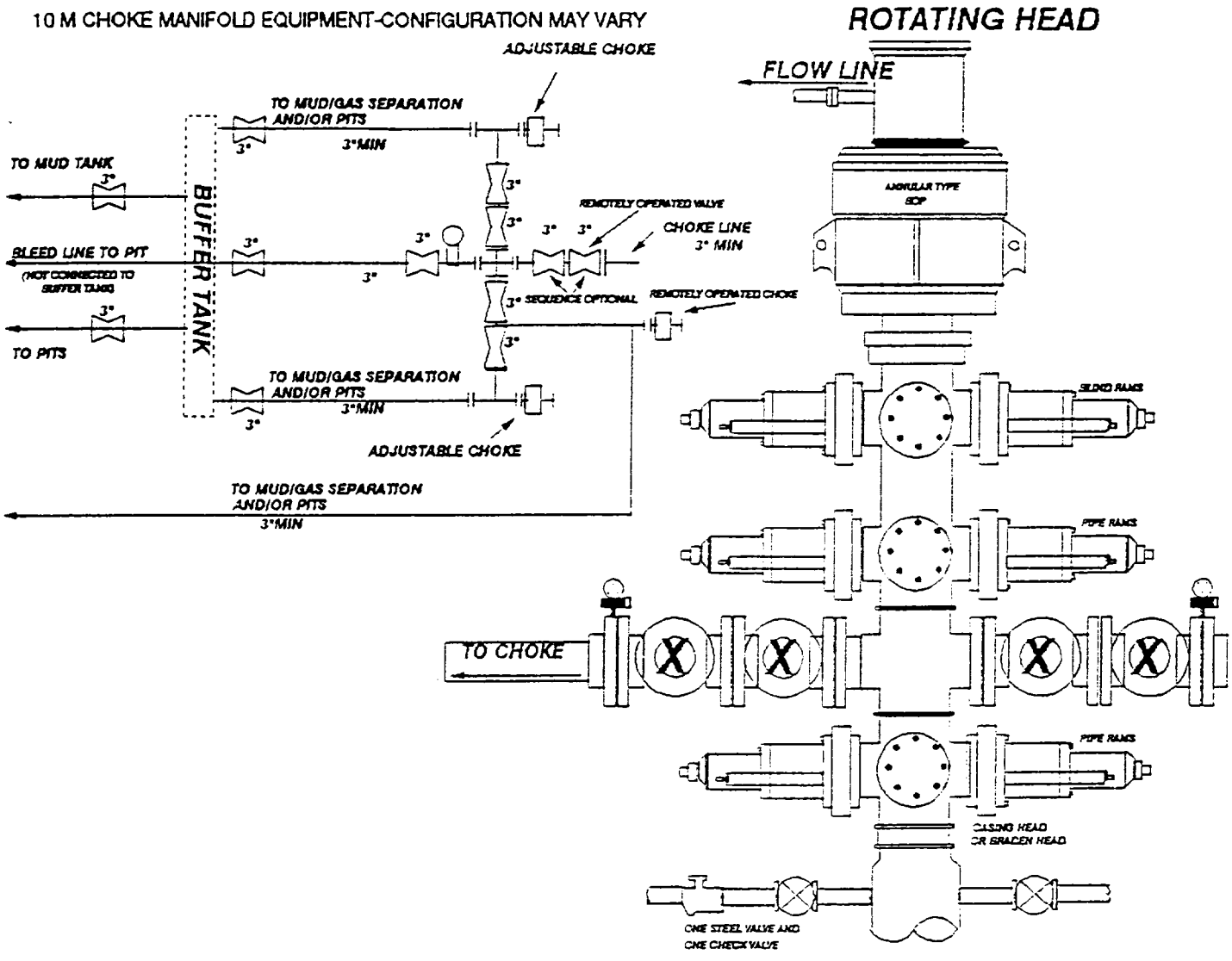
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bass Enterprises Production Co. and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/31/00
Date

William R. Dannels

WRD/JCW:mac

10-M. WP BOPE WITH 5-M WP ANNULAR

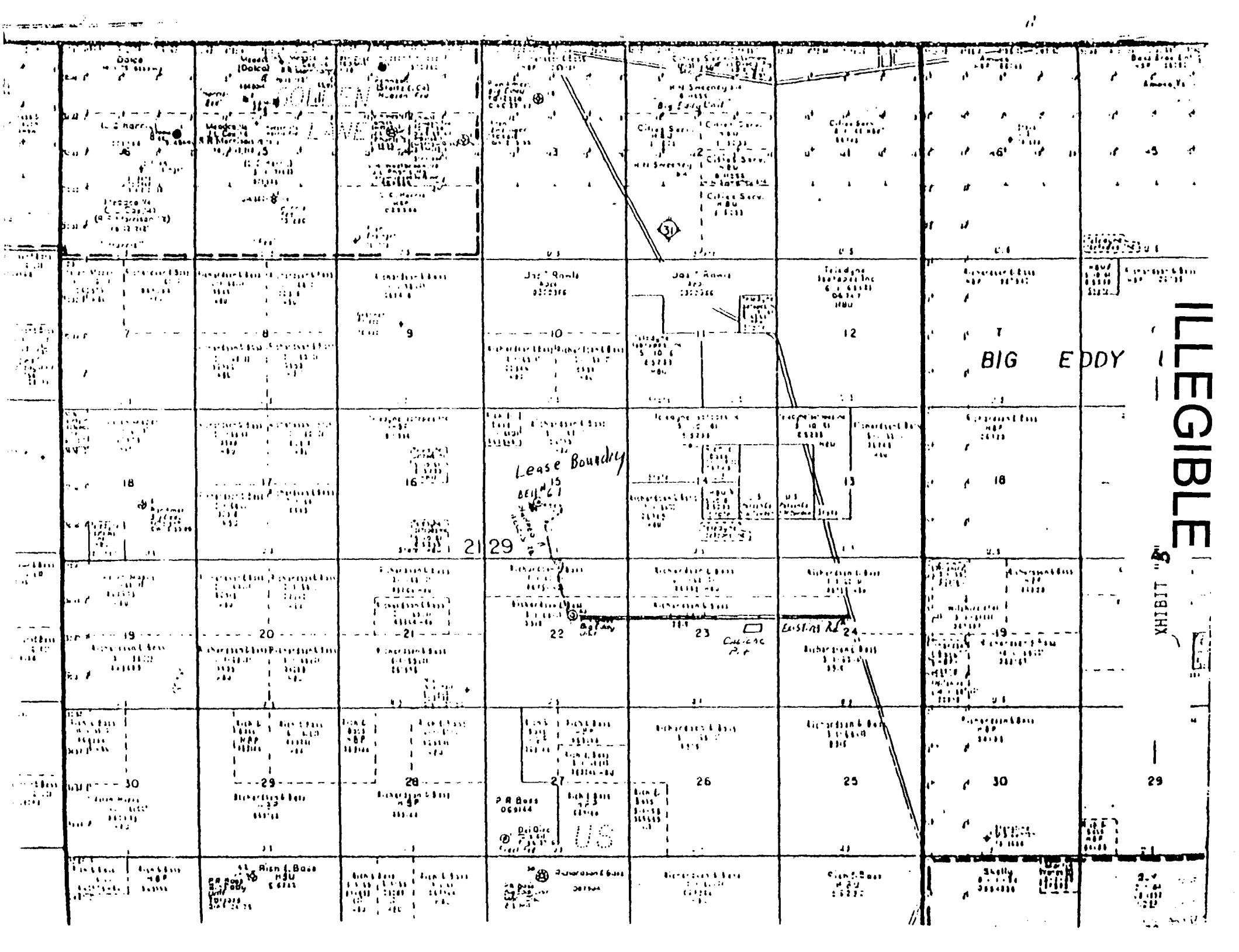


THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS:

A. Opening between the ram to be flanged, studded, or clamped.
B. All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch diameter.
C. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventors.
D. ALL connections to and from preventer to have a pressure rating equivalent to that of the BOPs.
E. Manual controls to be installed before drilling cement plug.
F. Kelly cock to be installed on kelly.
G. Inside blowout preventer to be available on rig floor.
H. Dual operating controls: one located by drillers position and the other located a safe distance from the rig floor.
I. All chokes will be adjustable.

Lease Boundary
Bell Surface Location
Bottom hole Location
Exhibit "A"

ILLEGIBLE


BIG EDDY
Lease Boundry
2129
Eastern Rd
US
ILLEGIBLE
EXHIBIT "B"

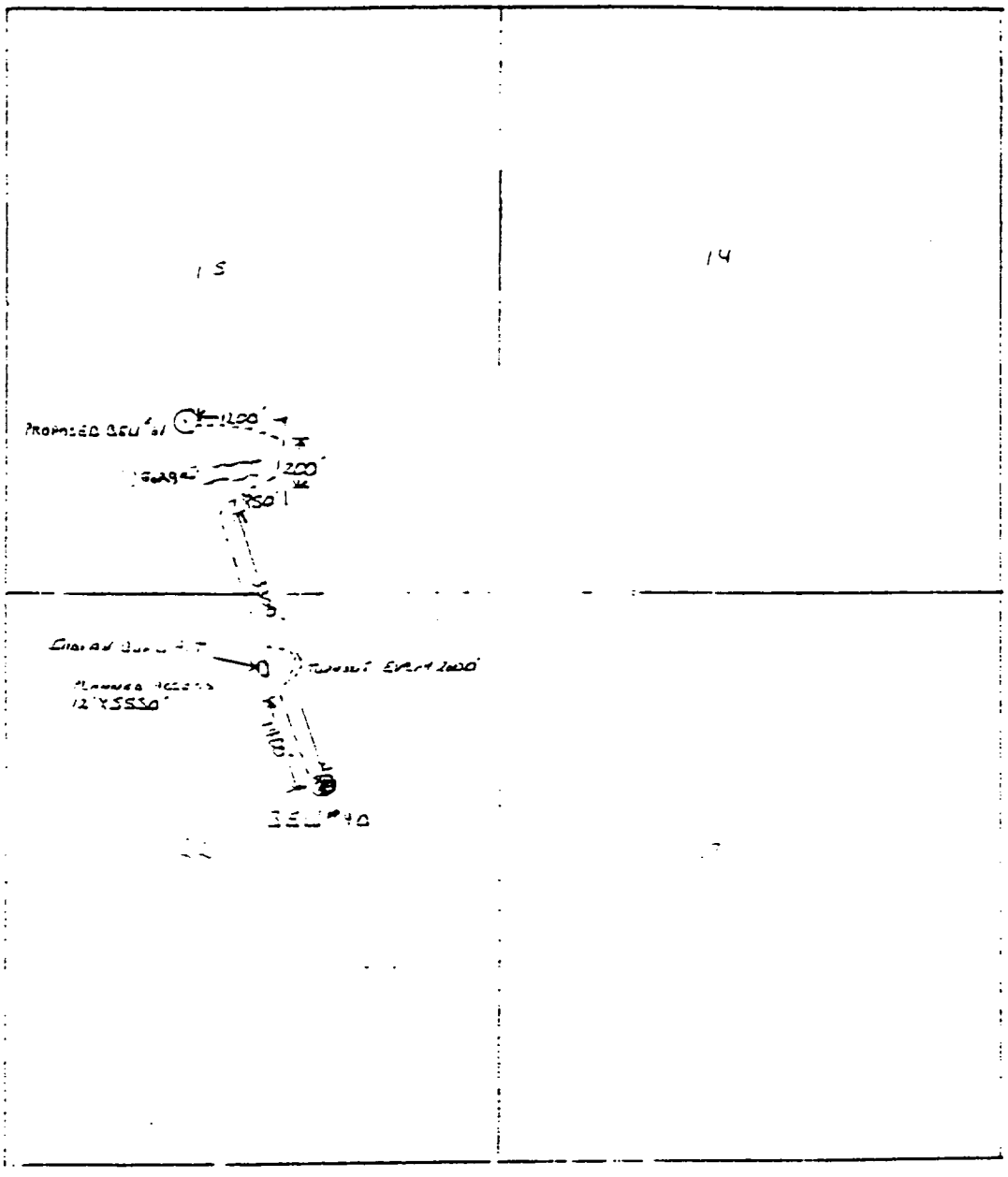
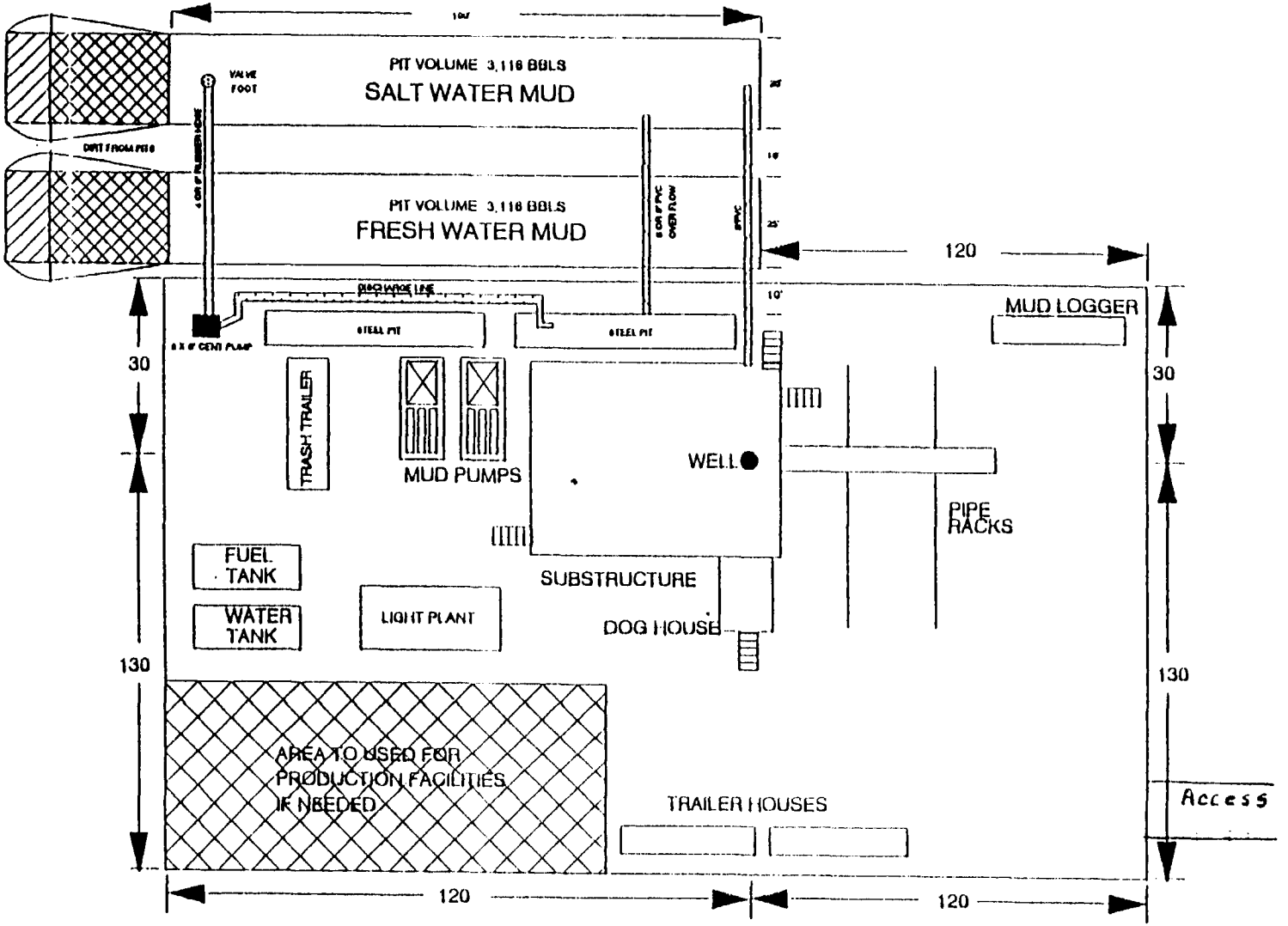
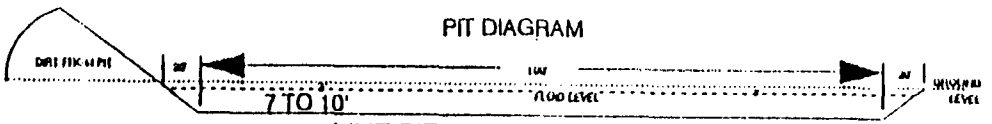


EXHIBIT "B"-1





PIT DIAGRAM

LINE PITS WITH 20 MILL PLASTIC

NORTH

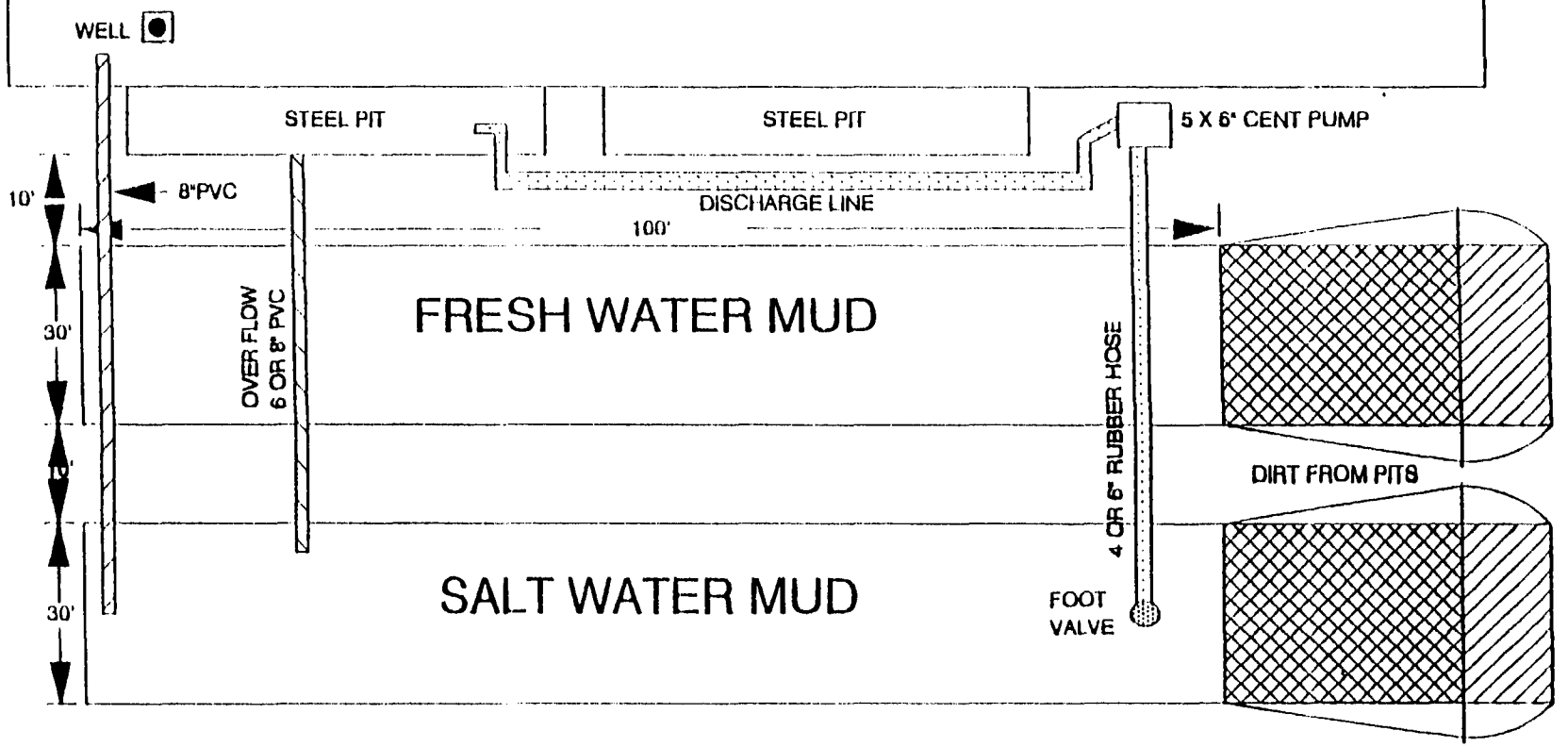
EXHIBIT "C"

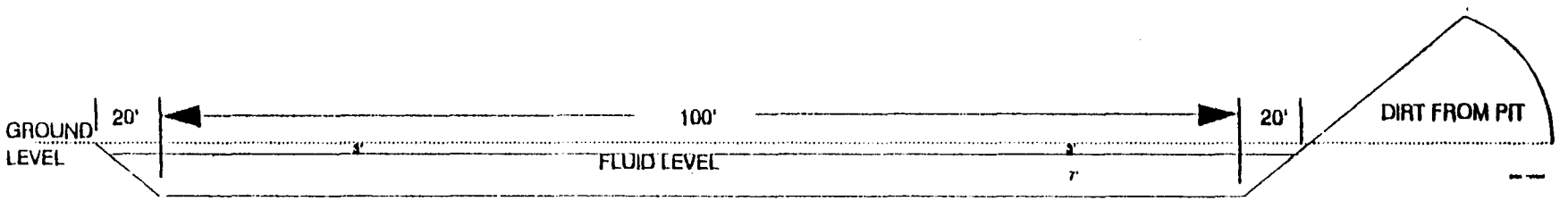
11/17/93 BGH

BASS ENTERPRISES PRODUCTION COMPANY

PIT DIAGRAM

OVER 8500'





LINE PITS WITH 20 MILL PLASTIC

Proposed Well Profile

Report Date:	August 31, 2000	**Survey / DLS Computation Method:**	Minimum Curvature / Lubinsk
Client:	Bass Enterprises Production Company	**Vertical Section Azimuth:**	135.000°
Field:	Eddy County, NM	**Vertical Section Origin:**	N 0.000 ft, E 0.000 ft
Structure / Slot:	Big Eddy #61A / Slant Well	**TVD Reference Datum:**	
Well:	Big Eddy #61A	**TVD Reference Elevation:**	3414.0 ft relative to
Borehole:	Big Eddy #61A	**Sea Bed / Ground Level Elevation:**	0.000 ft relative to
UWI/API#:		**Magnetic Declination:**	9.274°
Proposal Name / Modified Date:	Rev 4 / August 31, 2000	**Total Field Strength:**	49752.050 nT
Tort / AHD / DDI /ERD ratio:	51.473° / 2333.44 ft / 5.117 / 0.201	**Magnetic Dip:**	60.316°
Grid Coordinate System:	NAD27 New Mexico State Planes, Eastern Zone, US Feet	**Declination Date:**	August 31, 2000
Location Lat/Long:	N 32 9 16.621, W 104 14 52.902	**Magnetic Declination Model:**	IGRF 1999
Location Grid N/E Y/X:	N 419981.400 ftUS, E 526399.600 ftUS	**North Reference:**	Grid North
Grid Convergence Angle:	+0.04539979°	**Total Corr Mag North -> Grid North:**	+9.229°
Grid Scale Factor:	0.99990989	**Local Coordinates Referenced To:**	Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	9000.00	0.00	135.00	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
KOP	9100.00	0.00	135.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
	9200.00	4.30	135.00	9199.91	3.75	-2.65	2.65	3.75	135.00	4.30	135.0MTF
	9300.00	8.60	135.00	9299.25	14.99	-10.60	10.60	14.99	135.00	4.30	0.0
	9400.00	12.90	135.00	9397.47	33.64	-23.79	23.79	33.64	135.00	4.30	0.0
	9500.00	17.21	135.00	9494.01	59.61	-42.15	42.15	59.61	135.00	4.30	0.0
	9600.00	21.51	135.00	9588.34	92.75	-65.58	65.58	92.75	135.00	4.30	0.0
	9700.00	25.81	135.00	9679.91	132.87	-93.95	93.95	132.87	135.00	4.30	0.0
	9800.00	30.11	135.00	9768.22	179.74	-127.10	127.10	179.74	135.00	4.30	0.0
	9900.00	34.41	135.00	9852.76	233.11	-164.83	164.83	233.11	135.00	4.30	0.0
	10000.00	38.71	135.00	9933.06	292.67	-206.95	206.95	292.67	135.00	4.30	0.0
	10100.00	43.02	135.00	10008.67	358.08	-253.20	253.20	358.08	135.00	4.30	0.0
	10200.00	47.32	135.00	10079.16	428.98	-303.34	303.34	428.98	135.00	4.30	0.0

EOC	10296.58	51.47	135.00	10142.00	502.29	-355.17	355.17	502.29	135.00	4.30	0.0
	10300.00	51.47	135.00	10144.13	504.97	-357.06	357.06	504.97	135.00	0.00	0.0
	10400.00	51.47	135.00	10206.42	583.20	-412.38	412.38	583.20	135.00	0.00	0.0
	10500.00	51.47	135.00	10268.71	661.43	-467.70	467.70	661.43	135.00	0.00	0.0
	10600.00	51.47	135.00	10331.00	739.66	-523.02	523.02	739.66	135.00	0.00	0.0
	10700.00	51.47	135.00	10393.29	817.89	-578.33	578.33	817.89	135.00	0.00	0.0
	10800.00	51.47	135.00	10455.58	896.12	-633.65	633.65	896.12	135.00	0.00	0.0
	10900.00	51.47	135.00	10517.87	974.35	-688.97	688.97	974.35	135.00	0.00	0.0
	11000.00	51.47	135.00	10580.16	1052.58	-744.28	744.28	1052.58	135.00	0.00	0.0
	11100.00	51.47	135.00	10642.45	1130.81	-799.60	799.60	1130.81	135.00	0.00	0.0
	11200.00	51.47	135.00	10704.74	1209.04	-854.92	854.92	1209.04	135.00	0.00	0.0
	11300.00	51.47	135.00	10767.03	1287.27	-910.24	910.24	1287.27	135.00	0.00	0.0
	11400.00	51.47	135.00	10829.32	1365.50	-965.55	965.55	1365.50	135.00	0.00	0.0
	11500.00	51.47	135.00	10891.61	1443.73	-1020.87	1020.87	1443.73	135.00	0.00	0.0
	11600.00	51.47	135.00	10953.90	1521.96	-1076.19	1076.19	1521.96	135.00	0.00	0.0
	11700.00	51.47	135.00	11016.19	1600.19	-1131.51	1131.51	1600.19	135.00	0.00	0.0
	11800.00	51.47	135.00	11078.48	1678.42	-1186.82	1186.82	1678.42	135.00	0.00	0.0
Top of Strawn	11834.55	51.47	135.00	11100.00	1705.45	-1205.94	1205.94	1705.45	135.00	0.00	0.0
	11900.00	51.47	135.00	11140.77	1756.65	-1242.14	1242.14	1756.65	135.00	0.00	0.0
	12000.00	51.47	135.00	11203.06	1834.88	-1297.46	1297.46	1834.88	135.00	0.00	0.0
Top of Pay	12051.28	51.47	135.00	11235.00	1875.00	-1325.82	1325.82	1875.00	135.00	0.00	0.0
	12100.00	51.47	135.00	11265.35	1913.11	-1352.77	1352.77	1913.11	135.00	0.00	0.0
	12200.00	51.47	135.00	11327.64	1991.34	-1408.09	1408.09	1991.34	135.00	0.00	0.0
	12300.00	51.47	135.00	11389.93	2069.57	-1463.41	1463.41	2069.57	135.00	0.00	0.0
	12400.00	51.47	135.00	11452.22	2147.80	-1518.73	1518.73	2147.80	135.00	0.00	0.0
	12500.00	51.47	135.00	11514.51	2226.03	-1574.04	1574.04	2226.03	135.00	0.00	0.0
	12600.00	51.47	135.00	11576.80	2304.26	-1629.36	1629.36	2304.26	135.00	0.00	0.0
PBHL/TD	12637.29	51.47	135.00	11600.00	2333.45	-1650.00	1650.00	2333.45	135.00	0.00	0.0

Survey Error Model: *(No Error Model Selected)*

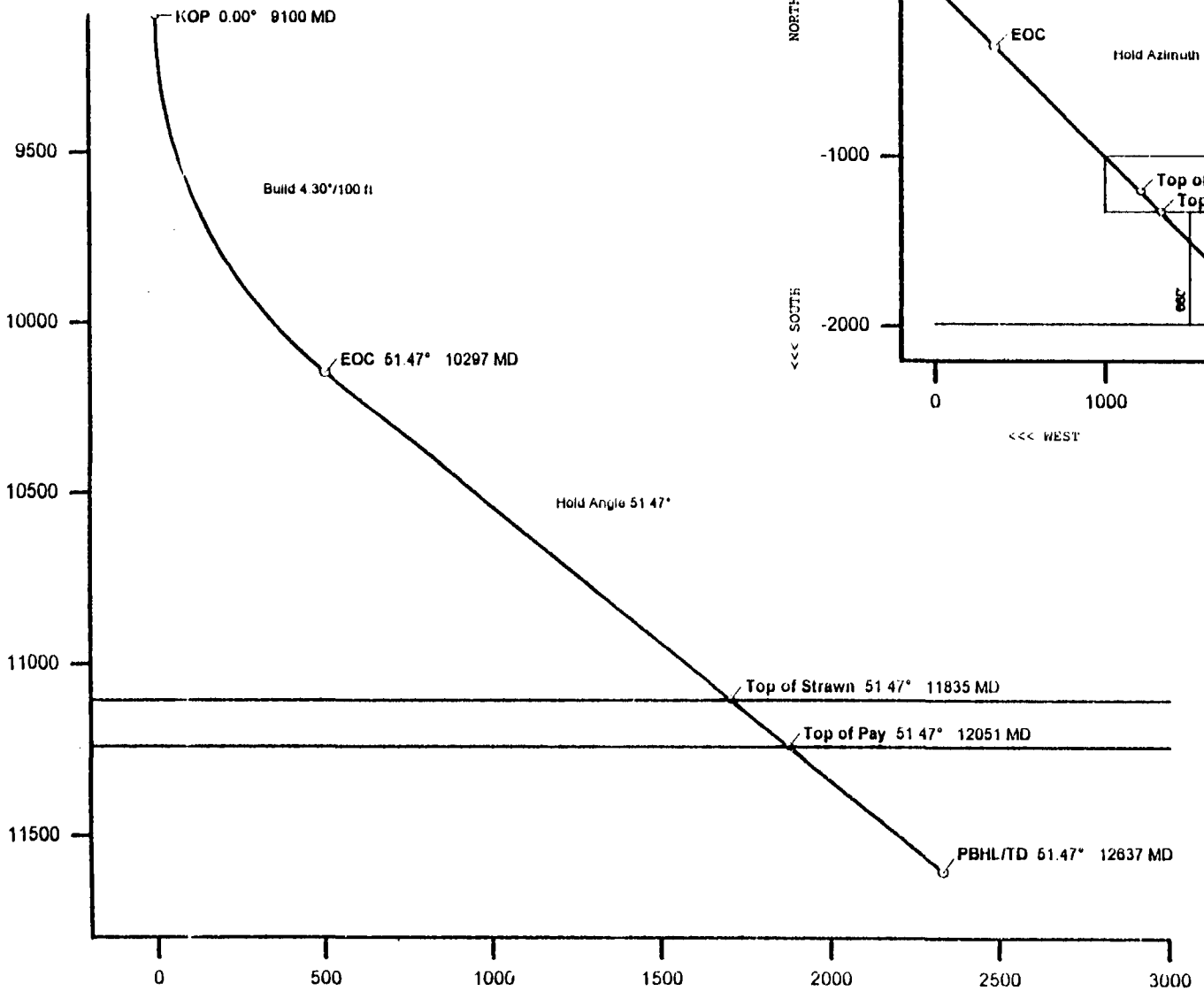
Schlumberger

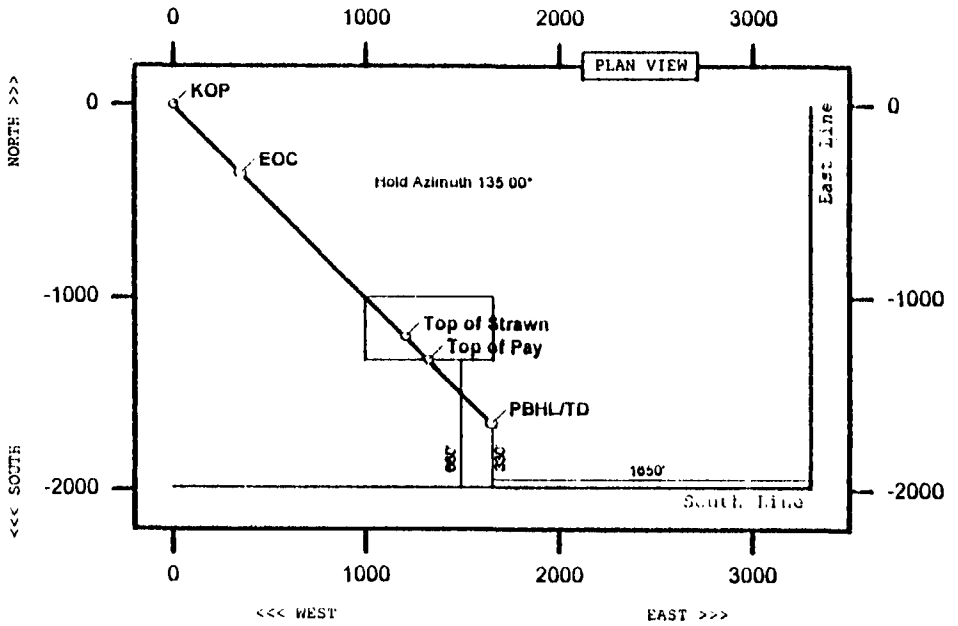
Bass Enterprises Production Company

WELL	FIELD	STRUCTURE
Big Eddy #61A	Eddy County, NM	Big Eddy #61A

Grid North
Tot Corr (E 9 23°)
Mag Dec (E 9 27°)
Grid Conv (E 0 05°)

Vertical Section View





Quality Control
Date Drawn: 31-Aug-2000
Drawn by: Ernie Fontenot
Checked by: _____
Client OK: _____

SPECIAL DRILLING STIPULATIONS

THE FOLLOWING DATA IS REQUIRED ON THE WELL SIGN

Operator's Name BASS ENTERPRISES PROD CO. Well Name & No. BIG EDDY UNIT # 61-A
Location 1983' F S L & 1990' F W L Sec. 15, T. 21 S., R. 29 E.
Lease No. NM-06750 County EDDY State New Mexico

The Special stipulations check marked below are applicable to the above described well and approval of this application to drill is conditioned upon compliance with such stipulations in addition to the General Requirements. The permittee should be familiar with the General Requirements, a copy of which is available from a Bureau of Land Management office. EACH PERMITTEE HAS THE RIGHT OF ADMINISTRATIVE APPEAL TO THESE STIPULATIONS PURSUANT TO TITLE 43 CFR 3165.3 AND 3165.4.

This permit is valid for a period of one year from the date of approval or until lease expiration or termination whichever is shorter.

I. SPECIAL ENVIRONMENT REQUIREMENTS

( ) Lesser Prairie Chicken (stips attached)
( ) San Simon Swale (stips attached)
( ) Floodplain (stips attached)
(✓) Other See attached archaeological stipulations.

II. ON LEASE - SURFACE REQUIREMENTS PRIOR TO DRILLING

(✓) The BLM will monitor construction of this drill site. Notify the (✓) Carlsbad Field Office at (505) 234-5972 ( ) Hobbs Office (505) 393-3612, at least 3 working days prior to commencing construction.

(✓) Roads and the drill pad for this well must be surfaced with 6 inches of compacted caliche.

( ) All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil on the subject location is approximately ____ inches in depth. Approximately ____ cubic yards of topsoil material will be stockpiled for reclamation.

( ) Other.

III. WELL COMPLETION REQUIREMENTS

( ) A communitization Agreement covering the acreage dedicated to the well must be filed for approval with the BLM. The effective date of the agreement must be prior to any sales.

(✓) Surface Restoration: If the well is a producer, the reserve pit(s) will be backfilled when dry, and cut-and-fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be re-contoured to resemble the original contours of the surrounding terrain, and topsoil must be re-distributed and re-seeded with a drill equipped with a depth indicator (set at a depth of ½ inch) with the following seed mixture, in pounds of Pure Live Seed (PLS), per acre.

( ) A. Seed Mixture 1 (Loamy Sites)
Side Oats Grama (*Bouteloua curtipendula*) 5.0
Sand Dropseed (*Sporobolus cryptandrus*) 1.0

( ) B. Seed Mixture 2 (Sandy Sites)
Sand Dropseed (*Sporobolus cryptandrus*) 1.0
Sand Lovegrass (*Eragostis trichodes*) 1.0
Plains Bristlegrass (*Setaria magrostachya*) 2.0

( ) C. Seed Mixture 3 (Shallow Sites)
Sideoats Grama (*Boute curtipencula*) 1.0

(✓) D. Seed Mixture 4 (Gypsum Sites)
Alkali Sacaton (*Sporobollud airoides*) 1.0
Four-Wing Saltbush (*Atriplex canescens*) 5.0

Seeding should be done either late in the fall (September 15 - November 15, before freeze up, or early as possilbe the following spring to take advantage of available ground moisture.

( ) Other.

RESERVE PIT CONSTRUCTION STANDARDS

The reserve pit shall be constructed entirely in cut material and lined with 6 mil plastic.

Mineral material extracted during construction of the reserve pit may be used for development of the pad and access road as needed. Removal of any additional material on location must be purchased from BLM.

Reclamation: Reclamation of this type of deep pit will consist of pushing the pit walls into the pit when sufficiently dry to support track equipment. The pit liner is NOT TO BE RUPTURED to facilitate drying; a ten month period after completion of the well is allowed for drying of the pit contents.

The pit area must be contoured to the natural terrain with all contaminated drilling mud buried with at least 3 feet of clean soil. The reclaimed area will then be seeded as specified in this permit.

OPTIONAL PIT CONSTRUCTION STANDARDS

The reserve pit may be constructed in predominantly fill material if:

(1) Lined as specified above and

(2) A borrow/caliche/gravel pit can be constructed immediately adjacent to the reserve pit and it capable of containing all reserve pit contents. The mineral material removed in the process can be used for pad and access road construction. However, a material sales contract must be purchased from the BLM prior to removal of the material.

Reclamation of the reserve pit consists of bulldozing all reserve pit contents and contaminants into the borrow pit and covering with a minimum of 3 feet of clean soil material. The entire area must be recontoured, all trash removed, and reseeded as specified in this permit.

CULTURAL

Whether or not an archaeological survey has been completed and notwithstanding that operations are being conducted as approved, the lessee/operator/grantee shall notify the BLM immediately if previously unidentified cultural resources are observed during surface disturbing operations. From the time of the observation, the lessee/operator/grantee shall avoid operations that will result in disturbance to these cultural resources until directed to proceed by BLM.

TRASH PIT STIPS

All trash, junk, and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

CULTURAL RESOURCES STIPULATIONS
CARLSBAD FIELD OFFICE

PROJECT Bass Big Eddy #61 - re-entry loc + Access Report No. CA NM-080-555

SITE PROTECTION AND EMPLOYEE EDUCATION: All employees of the project will be informed that cultural sites are to be avoided by all personnel, personal vehicles and company equipment. They will be also be notified that it is illegal to collect, damage or disturb cultural resources.

ILLEGIBLE

Yes A. *Monitoring is required.*

Yes 1. A copy of these stipulations will be supplied to the archaeological monitor at least two (2) working days prior to the start of construction activities.

Yes 2. No construction activities, including vegetation removal, may begin before the arrival of the archaeological monitor. – No equipment may be moved on to location without archaeological monitor present

Yes 3. The archaeological monitor will:

Yes a. Ensure that the site protection barrier is located as indicated on the attached map(s). (Temporary)

No b. Observe all surface disturbing activities within _____ feet of cultural site

_____ (see attached map(s).

Yes c. Other: Observe all equipment including drilling rig being moved on to location and off

Yes d. Submit a report of the monitoring activities within thirty (30) days of completion of monitoring unless other arrangements are made with the BLM. These stipulations must be attached to the report.

No B. The grantee must select one of the following alternatives:

____ 1. Controlled test excavations to determine if cultural resources are present;
____ 2. Reduction of the project size to avoid all significant cultural materials;
____ 3. Relocation of the project;
____ 4. Preparation and implementation of a data recovery plan for cultural sites(s)

_____.

Yes C. SITE BARRIER/FENCING:

Yes 1. A temporary site protection barrier(s) will be erected prior to any + all arrival of equipment construction. The barrier(s) will, at a minimum, consist of upright wooden survey lath spaced no more than ten (10) feet apart and marked with blue ribbon flagging or blue paint. There will be no construction activities or vehicular traffic past the barrier(s). The barrier(s) will be removed along the road during drilling activity + replaced to move equipment out

No 2. A permanent fence(s) will be erected prior to _____ construction. There will be no construction activities or vehicle traffic past the fence(s).

Yes 3. The barrier(s)/fence(s) will be placed as indicated on the attached map(s).

Yes D. CONSTRUCTION ZONES: There will be a no construction zone East or South of existing Pad and outside of existing road where fenced.

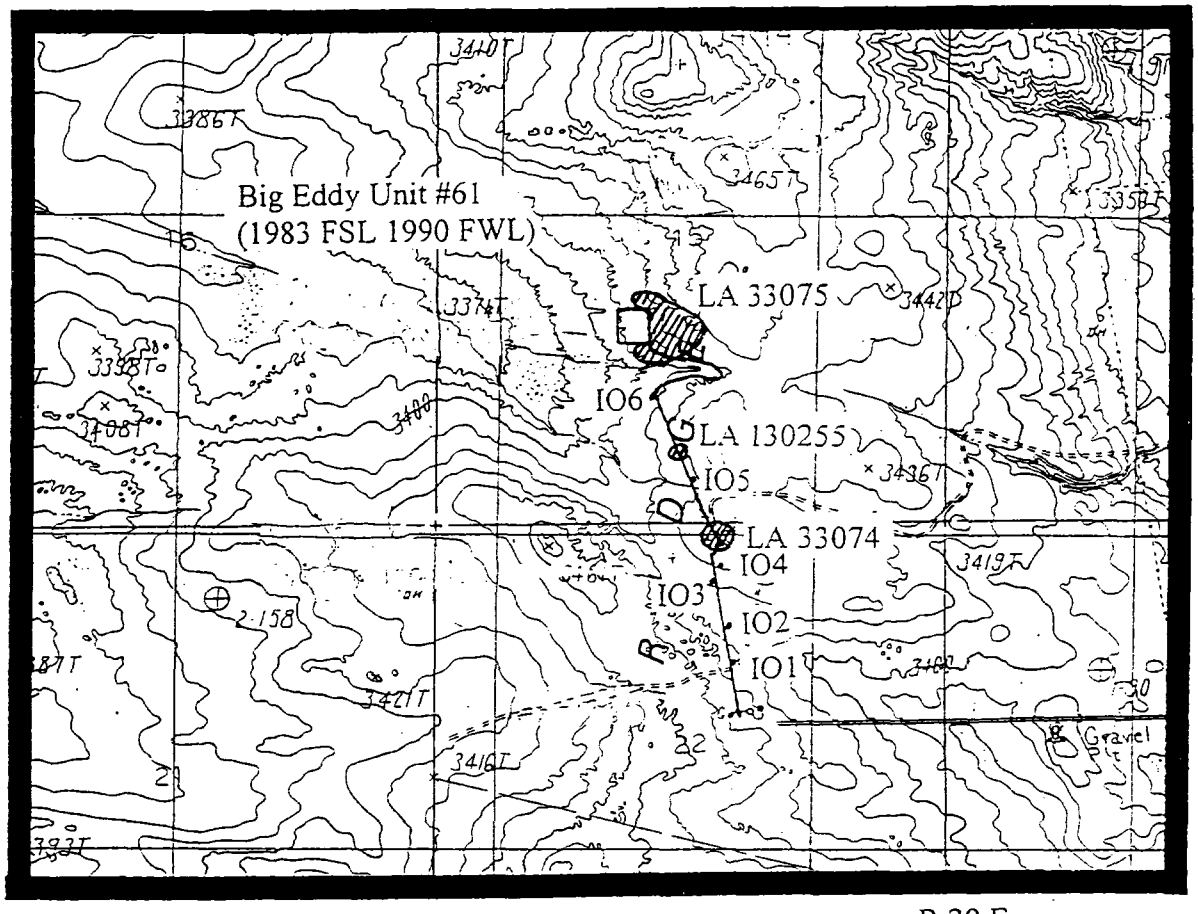
Yes E. OTHER: The movement of equipment along the roads must be restricted through sites – see attached maps – by temporary barriers and escorted by archaeologist –

Road Thru Sites Shall NOT Be Upgraded

TOWER HILL SOUTH, NEW MEXICO

PROVISIONAL EDITION 1985

32103-D8-TF-024



SCALE 1:24 000

1 0 1 MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET

1 0 1 2 KILOMETERS

1000 0 1000 2000 METERS

CONTOUR INTERVAL 10 FEET

NORTH

QUADRANGLE LOCATION

Figure 1. Project location

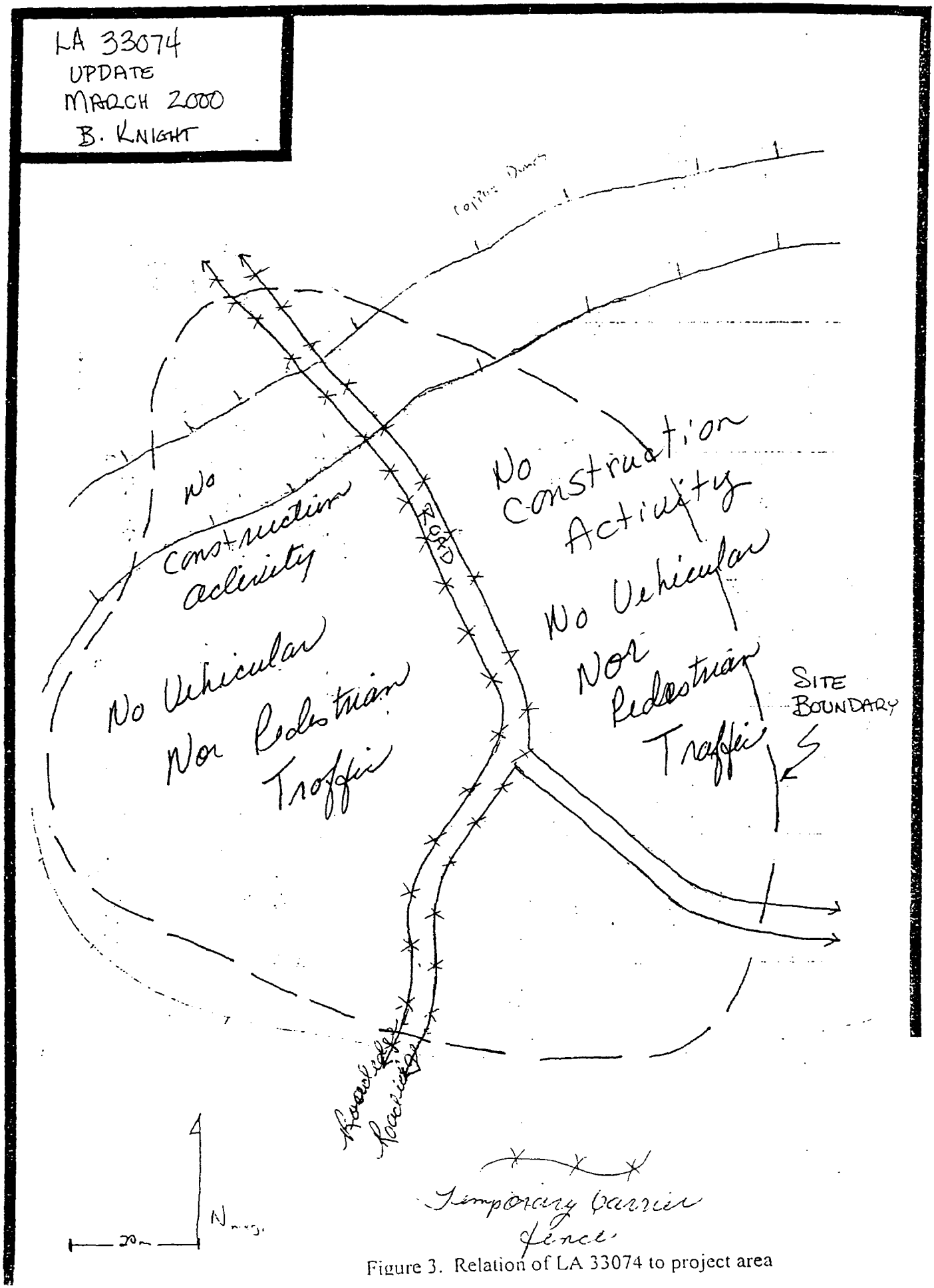


Figure 3. Relation of LA 33074 to project area

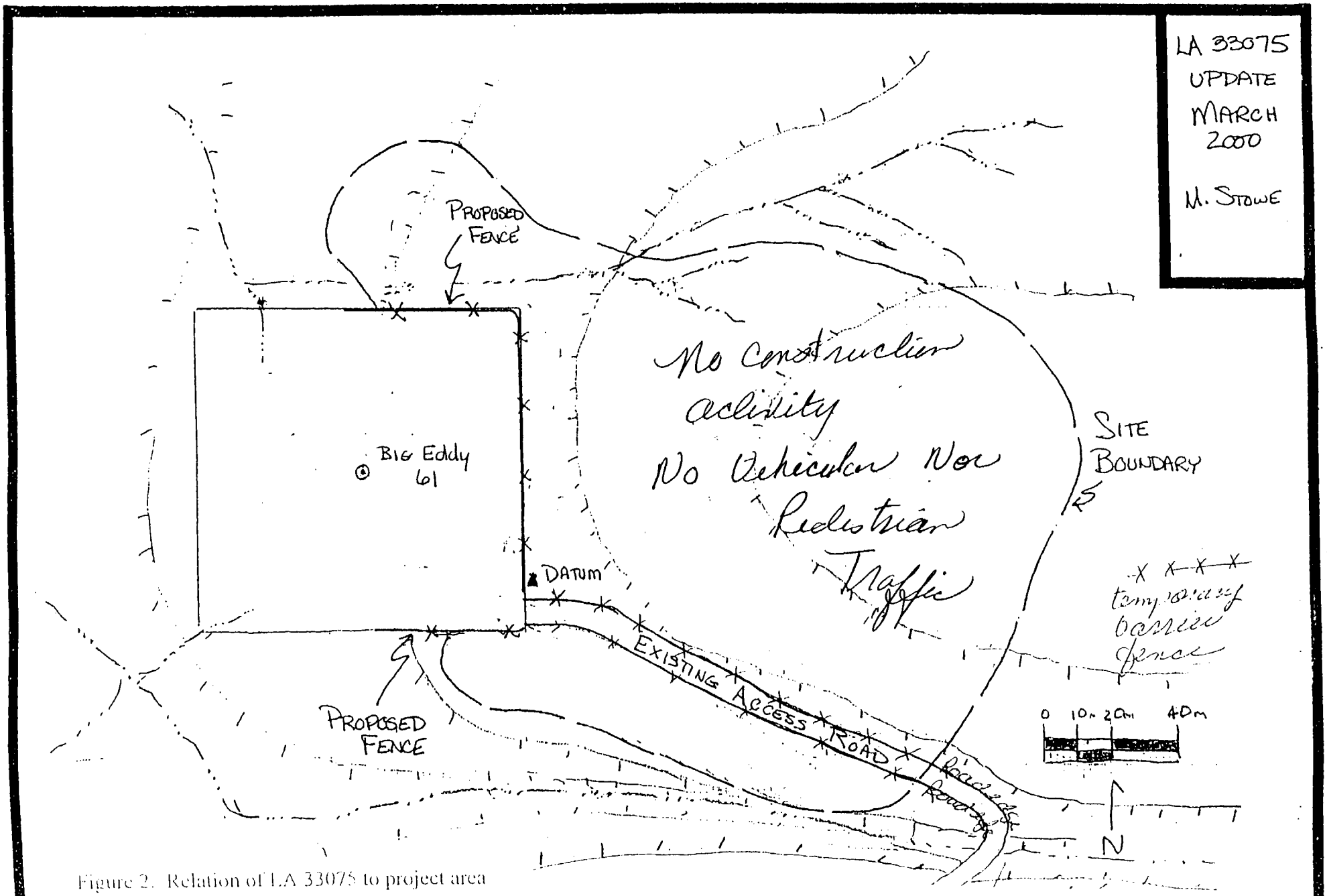


Figure 2. Relation of LA 33075 to project area

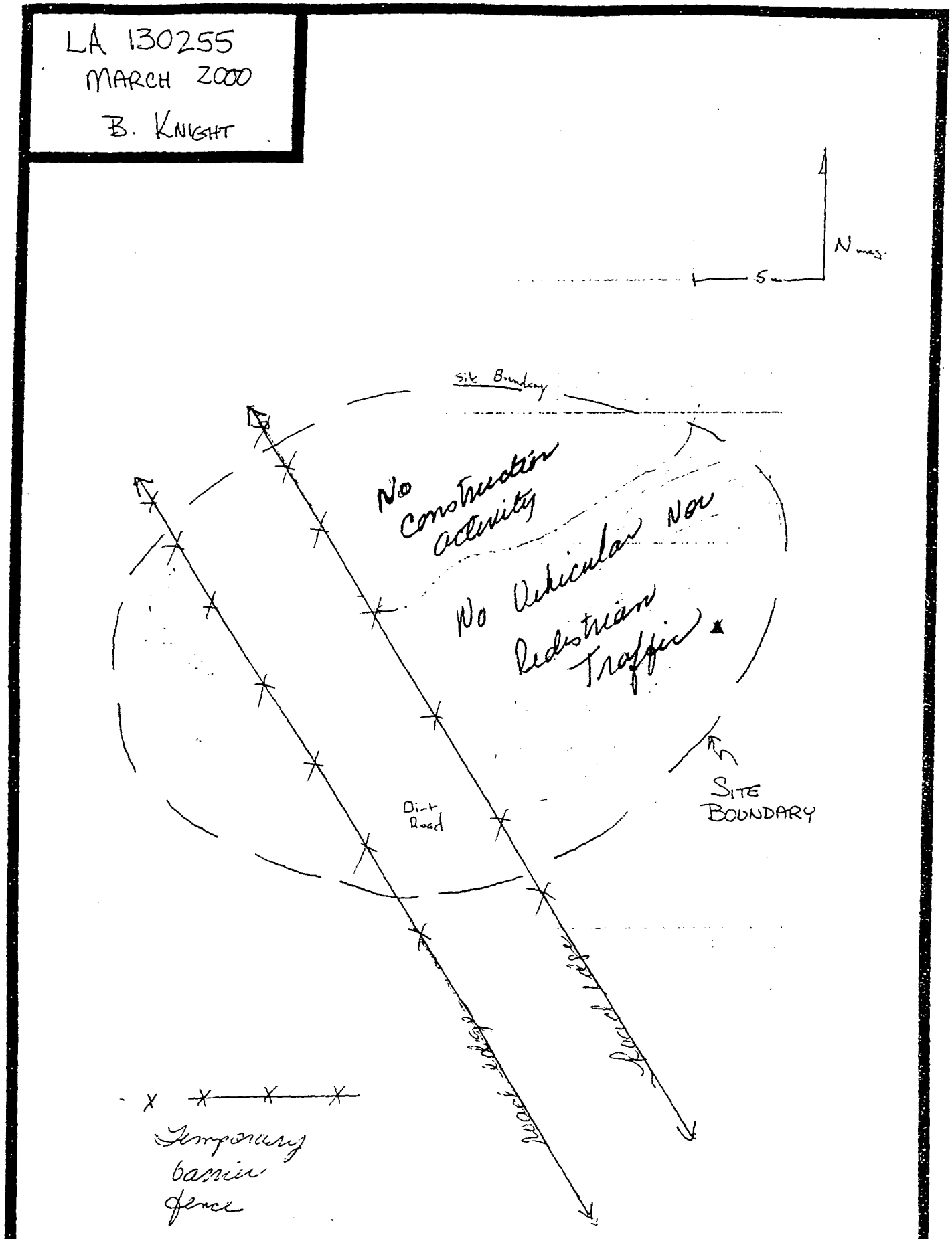


Figure 4. Relation of LA 130255 to project area

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Bass Enterprises Production Co.
Well No. 61-A - Big Eddy Unit
Location: 330' FSL & 1650' FEL sec. 15, T. 21 S., R. 29 E.
Lease: NMNM-06750

.....

I. DRILLING OPERATIONS REQUIREMENTS:

1. The Bureau of Land Management (BLM) is to be notified at (505) 887-6544 in sufficient time for a representative to witness:

A. Spudding

B. Cementing casing: 11-3/4 inch 8-5/8 inch 5-1/2 inch

C. BOP tests

2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

3. Include the API No. assigned to well by NMOCD on the subsequent report of setting the first casing string.

II. CASING:

3. Minimimum required fill of cement behind the 5-1/2 inch production casing is **cement shall extend upward a minimum of 500 feet above the uppermost perforation and cover all potential oil & gas zones**.

III. PRESSURE CONTROL:

1. Before drilling below the 11-3/4 inch surface casing, the blowout preventer assembly shall consist of a minimum of One Annular Preventer or Two Ram-Type Preventers and a Kelly Cock/Stabbing Valve.

2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 10000 psi.

3. The BOPE shall be installed before drilling below the 8-5/8 inch intermediate casing and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

4. The results of the test will be reported to the BLM Carlsbad Resource Area office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.

ORIG. SGD. ES BABYAK

EXHIBIT A

BLM Serial Number: NM-06750

Company Reference: BIG EDDY UNIT # 61-A

STANDARD STIPULATIONS FOR PERMANENT RESOURCE ROADS

The holder/grantee/permittee shall hereafter be identified as the holder in these stipulations. The Authorized Officer is the person who approves the Application for Permit to Drill (APD) and/or Right-of-Way (ROW).

GENERAL REQUIREMENTS

The holder shall minimize disturbance to existing fences and other improvements on public domain surface. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will make a documented good-faith effort to contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence.

Holder agrees to comply with the following stipulations:

1. ROAD WIDTH AND GRADE

The road will have a driving surface of 14 feet (all roads shall have a minimum driving surface of 12 feet, unless local conditions dictate a different width). The maximum grade is 10 percent unless the box below is checked. Maximum width of surface disturbance from construction will be 30 feet.

/__/ Those segments of road where grade is in excess of 10% for more than 300 feet shall be designed by a professional engineer.

2. CROWNING AND DITCHING

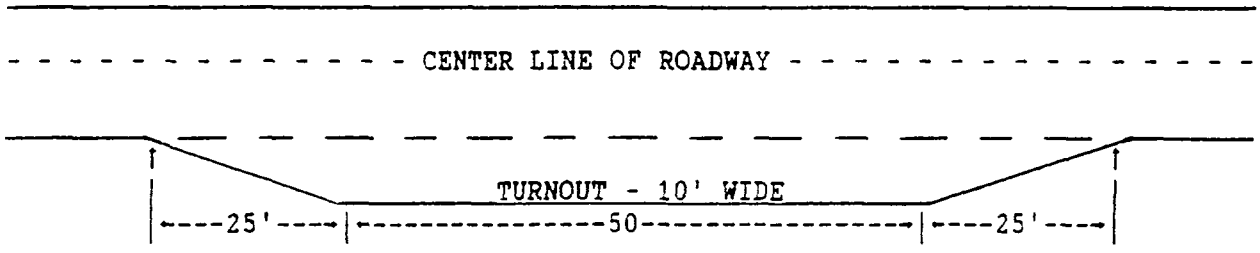
Crowning with materials on site and ditching on one side of the road on the uphill side will be required. The road cross-section will conform to the cross section diagrams in Figure 1. If conditions dictate, ditching may be required for both sides of the road; if local conditions permit, a flat-bladed road may be considered (if these conditions exist, check the appropriate box below). The crown shall have a grade of approximately 2% (i.e., 1" crown on a 12' wide road).

/X/ Ditching will be required on both sides of the roadway as shown on the attached map or as staked in the field.

/__/ Flat-blading is authorized on segment(s) delineated on the attached map.

4. TURNOUTS

Unless otherwise approved by the Authorized Officer, vehicle turnouts will be required. Turnouts will be located at 2000-foot intervals, or the turnouts will be intervisible, whichever is less. Turnouts will conform to the following diagram:



STANDARD TURNOUT - PLAN VIEW

5. SURFACING

Surfacing of the road or those portions identified on the attached map may, at the direction of the Authorized Officer, be required, if necessary, to maintain traffic within the right-of-way with caliche, gravel, or other surfacing material which shall be approved by the Authorized Officer. When surfacing is required, surfacing materials will be compacted to a minimum thickness of six inches with caliche material. The width of surfacing shall be no less than the driving surface. Prior to using any mineral materials from an existing or proposed Federal source, authorization must be obtained from the Authorized Officer.

6. CATTLEGUARDS

Where used, all cattleguard grids and foundation designs and construction shall meet the American Association of State Highway and Transportation Officials (AASHTO) Load Rating H-20, although AASHTO U-80 rated grids shall be required where heavy loads (exceeding H-20 loading), are anticipated (See BLM standard drawings for cattleguards). Cattleguard grid length shall not be less than 8 feet and width of not less than 14 feet. A wire gate (16-foot minimum width) will be provided on one side of the cattleguard unless requested otherwise by the surface user.

7. MAINTENANCE

The holder shall maintain the road in a safe, usable condition. A maintenance program shall include, but not be limited to blading, ditching, culvert installation, culvert cleaning, drainage installation, cattleguard maintenance, and surfacing.

8. PUBLIC ACCESS

Public access along this road will not be restricted by the holder without specific written approval being granted by the Authorized Officer. Gates or cattleguards on public lands will not be locked or closed to public use unless closure is specifically determined to be necessary and is authorized in writing by the Authorized Officer.

9. CULTURAL RESOURCES

Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the authorized officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the authorized officer after consulting with the holder.

10. SPECIAL STIPULATIONS: See attached archaeological stipulations.

10512 8880 NSL 3/7/01

LOSEE, CARSON, HAAS & CARROLL, P. A.
311 W. Quay
P. O. Box 1720
Artesia, New Mexico 88210
(505)746-3505
Fax: (505)746-6316

FAX COVER SHEET

FAX NUMBER TRANSMITTED TO: (505) 476-3462

Hanna (505) 746-3505

To: Michael Stogner

Of: OCD

From: Ernest Carroll

Client/Matter: Bass Enterprises Production

Date: 2-15-01

DOCUMENTS	NUMBER OF PAGES
Application	44

COMMENTS:

BEFORE THE OIL CONSERVATION DIVISION

OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF:
BASS ENTERPRISES PRODUCTION CO. FOR : CASE NO. _____
AN UNORTHODOX OIL WELL LOCATION :
EDDY C(

C(- 2-15-01 Talked w/ E. Carroll ,osee,
Carson, F about this app! twice today itates:
1. - Gave verbal OK @ 3:45 PM. Section
15, Town icant
has alread 61-A at
a surface ection
15 with a bottom hole location of 330' from the North line and 1650' from the East line. This APD was approved on November 17, 2000.

2. The applicant seeks an exception to the well location requirements of Rule 104.C(1)(a) of the Oil Conservation Division to permit the re-entry of the Big Eddy Unit #61 and the drilling of a directional well to TD at the above-mentioned unorthodox bottom hole location at a depth sufficient to adequately test the Strawn formation.

3. A 320-acre oil proration unit comprising of the E/2, of Section 15 is to be dedicated to such well.

4. Attached to this application as Exhibit "1" is a land plat showing the ownership of all 320-acre proration units located around the E/2 of said Section 15. All such proration units are owned and operated by the same Bass entities, as so denoted in the ownership portion of said land plat.

5. Application is sought for an administrative approval of this unorthodox location pursuant to Rule 104.F(2), and is sought based upon geologic conditions as shown on a structure map drawn on the top of the Strawn formation as dictated by seismic lines. A copy of the structure map drawn on the top of the Strawn formation is attached as Exhibit "2".

6. All affected parties by this application are Bass entities, and no further notification to any other parties has been made of this application.

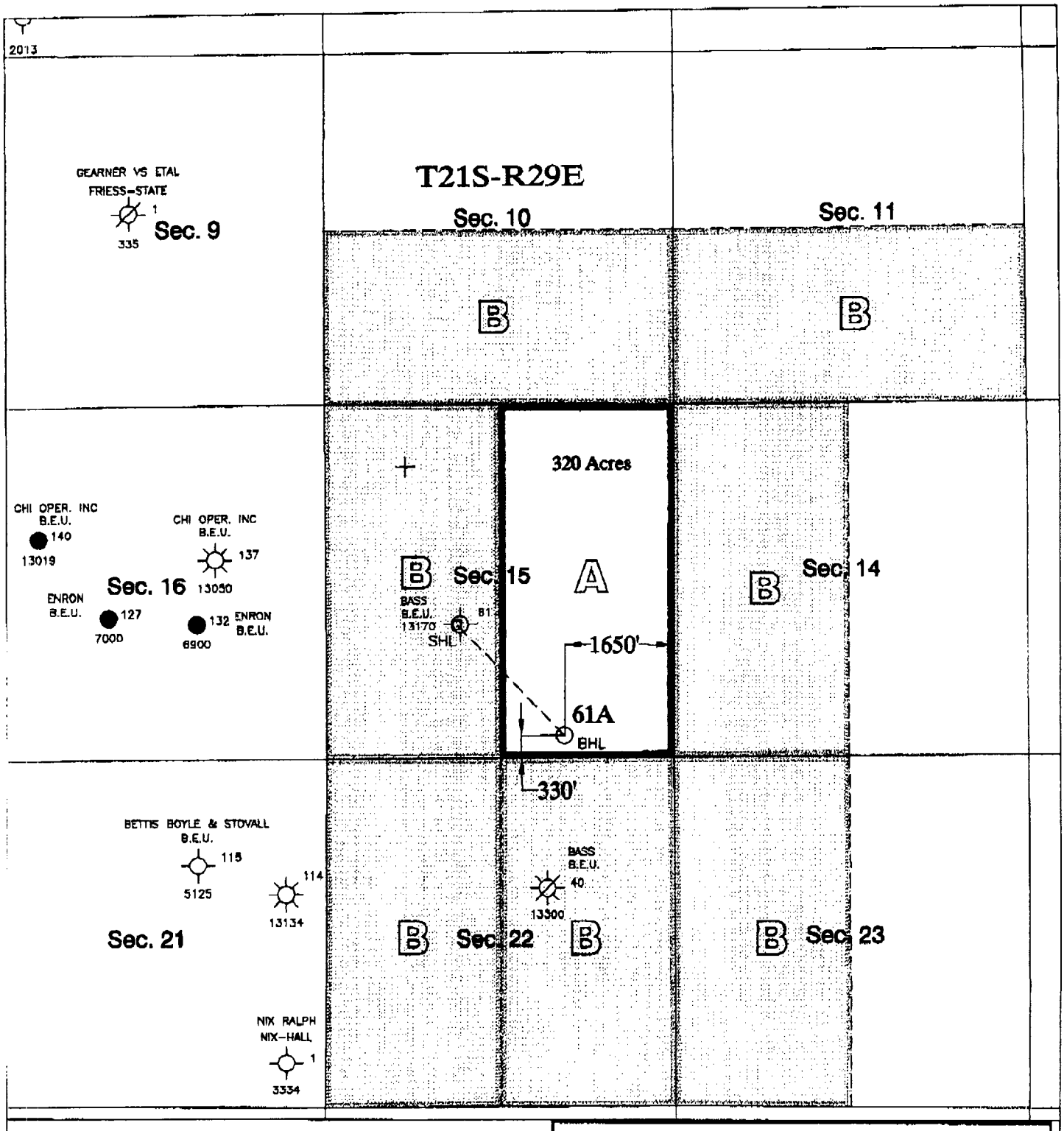
7. Attached hereto as Exhibits "3", "4" and "5" respectively are the Application for Permit to drill and directors approval from the BLM, Approval by Mississippi Potash, Inc. to re-enter the Big Eddy Unit No. 61 Well, and Form C102 with attachments.

BASS ENTERPRISES PRODUCTION CO.

By: _____
Ernest L. Carroll

LOSEE, CARSON, HAAS & CARROLL, P.A.
P.O. Box 1720
Artesia, NM 88211-1720

Attorneys for Applicant



A
Perry R. Bass, Inc. (1/4)
Sid R. Bass, Inc. (3/16)
Thru Line, Inc. (3/16)
Keystone, Inc. (3/16)
Lee M. Bass, Inc. (3/16)
201 Main Suite 3100
Fort Worth, TX 76102

B
Perry R. Bass, Inc. (1/4)
Sid R. Bass, Inc. (3/16)
Thru Line, Inc. (3/16)
Keystone, Inc. (3/16)
Lee M. Bass, Inc. (3/16)
201 Main Suite 3100
Fort Worth, TX 76102

N
S

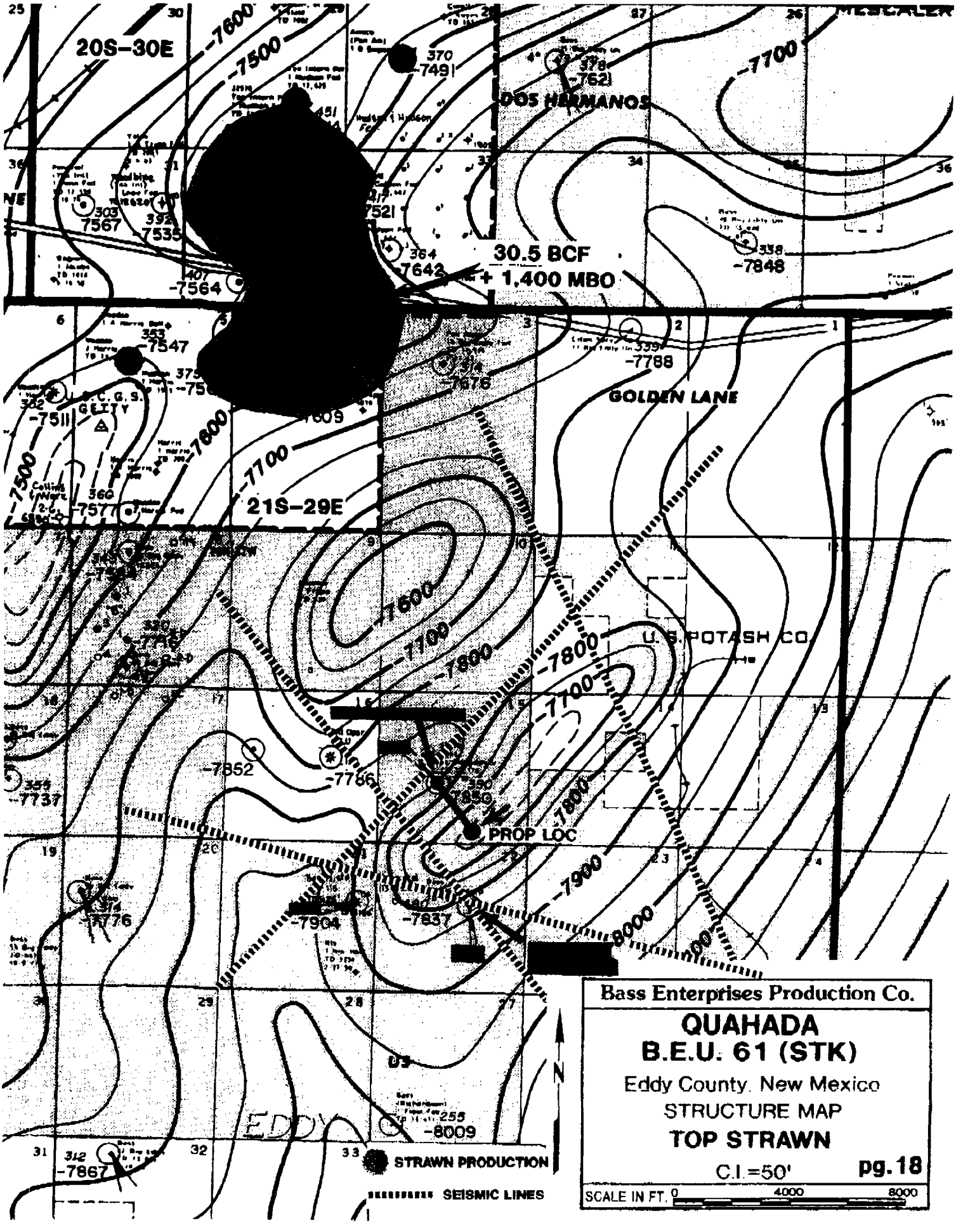
Bass Enterprises Production Co.

BIG EDDY UNIT

Eddy County, New Mexico

Well #61A Land Plat
E/2 Sec. 15, T21S-R29E

DATE:	2-01	INTER. BY:	WC	SCALE:	1" = 2000'
DEPT:	Land	DRAFTED BY:	PO	DWG:	Land Map



Bass Enterprises Production Co.

QUAHADA
B.E.U. 61 (STK)

Eddy County, New Mexico

STRUCTURE MAP

TOP STRAWN

C.I.=50'

pg.18

SCALE IN FT. 0 4000 8000

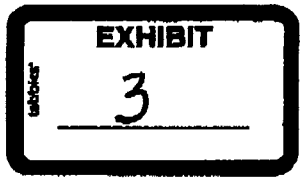


EXHIBIT
3

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
New Mexico State Office
1474 Rodeo Rd.
P.O. Box 27115
Santa Fe, New Mexico 87502-0115

IN REPLY REFER TO:
3160 (06200)
NM-06750

NOV 17 2000

CERTIFIED--RETURN RECEIPT REQUESTED
7099 3220 0004 0017 5694

Bass Enterprises Production Co.
Attn: W. R. Dannels
P. O. Box 2760
Midland, TX 79702-2760

BEPCO - WTD PRODUCTION
NOV 28 2000
RECEIVED

RE: Big Eddy Unit #61-A
NM-06750
1983'/S & 1990'/W, Sec. 15, T. 21 S., R. 29 E. (SHL)
330'/S & 1650'/E, Sec. 15, T. 21 S., R. 29 E. (BHL)
Eddy County, New Mexico

Dear Mr. Dannels:

I have approved your application at the well location requested. A copy of the approved application with stipulations is enclosed. Please contact our Roswell Field Office at (505) 627-0272, should you have any questions or if we can be of any additional help.

Sincerely,

M. J. Chavez
State Director

1 Enclosure

BEPCO - WTD PRODUCTION

NOV 28 2000

RECEIVED

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

FORM APPROVED
Expires February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial No.: NM-05750

6. If Indian, Allottee or Tribe Name:

7. Unit agreement name: Big Eddy Unit

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

b. TYPE OF WELL: Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

8. Farm or Lease Name, Well No.: Big Eddy Unit #61-A

2. Name of Operator: Bass Enterprises Production Co.

9. API Well No.: 30-015-22544

3. Address and Telephone No.: P O Box 2760 Midland, Texas 79702-2760 (915) 683-2277

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At Surface: 1983' FSL & 1990' FWL, Section 15, T21S, R29E
At proposed BHL (Center of proposed 330' X 660' target): 330' FSL & 1650' FEL, Section 15, T21S, R29E

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

11. Sec., T., R., M., or Blk. and Survey or Area: Sec 15, T21S, R29E

14. Distance in miles and direction from nearest town or Post Office*: 15 miles east of Carlsbad, NM

12. County or Parish: Eddy

13. State: NM

15. Distance from proposed* Location to nearest Property or lease line, ft. (Also to nearest drlg. unit line, if any)	16. No. of acres in Lease	17. No. of Acres assigned to this Well
330'	600	320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this Lease, ft.	19. Proposed Depth	20. Rotary or Cable Tools
NA	11,600' TVD 12,637' MD	Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 3413' GR

22. Approx. date work will start*: Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING		WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
*15"	11-3/4"	H40	42#	406'	4 sx Circ to surface 50 sx.
*11"	8-5/8"	K55/S80	24# & 28#	3215'	1850 sx Circ to surface, DV tool @ 802'.
7-7/8"	5-1/2"	P110	17#	~~12637'~~ 0-10,637	1825 sx Circ to 3000', DV tool @ 6500'.
"	"	LS-110	"	10,637-12,637	

SECRETARY'S POTASH

Drilling procedure, BOP Diagram, Anticipated Tops & Surface Plans attached.
This will be a re-entry of an existing wellbore with a controlled directional hole below intermediate casing. KOP @ approx 9100' MD.
Building angle at approx 4.3 deg/100' to 51.47 deg at 10,297' and holding that angle to PTD. All objectives will be within orthodox spacing limits.
Original well was drilled in June 1978. Surface and Intermediate were cemented and remain in place as indicated. TOC for both strings was surface.
(All depths are given as measured depths except when specified otherwise.)

* indicates strings already in place. NOTE: LS-110 is HC-110 PER W.R. DANNELS 9/13/00. CB
This BHL is an unorthodox location. Upon BLM approval of this APD application, BEPCO Land Department will initiate unorthodox location application and procedure.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed J.C. Ward for W.R. Dannels Title Division Drilling Supt. Date 9/31/00

(This space for Federal or State office use)

Permit No. _____ Approval Date _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Approved by [signature] Title State Director Date 11/17/00

*See Instruction on Reverse Side

APPROVED FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

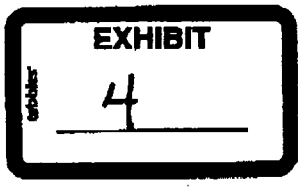


EXHIBIT
4

ILLEGIBLE

Mississippi Potash, Inc.
We Make Things Grow®

October 7, 1999

Bass Enterprises Production Co.
201 Main St.
Fort Worth, TX 76102-3131
Attention: Mr. J. Wayne Bailey

Re: Big Eddy Unit No. 61
Section 15, T-21-S, R-29-E
Eddy County, New Mexico

Dear Mr. Bailey:

Mississippi Potash, Inc. offers no objection to the re-entering and directional drilling of the Big Eddy Unit No. 61 well by Bass Enterprises Production Co.

Sincerely,

Jill Farnsworth

Jill Farnsworth
Chief Mine Engineer

Cc: Ms. Leslie Theiss
Bureau of Land Management
Carlsbad Area Resource Office
P.O. Box 1778
Carlsbad, NM 88220

P.O. Box 101 • 1996 Potash Mines Road • Carlsbad, New Mexico 88220
Phone (505) 887-5591 • FAX (505) 887-0705


EXHIBIT
5

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name

Property Code	Property Name	Well Number
	BIG EDDY UNIT	61-A

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3413'

Surface Location

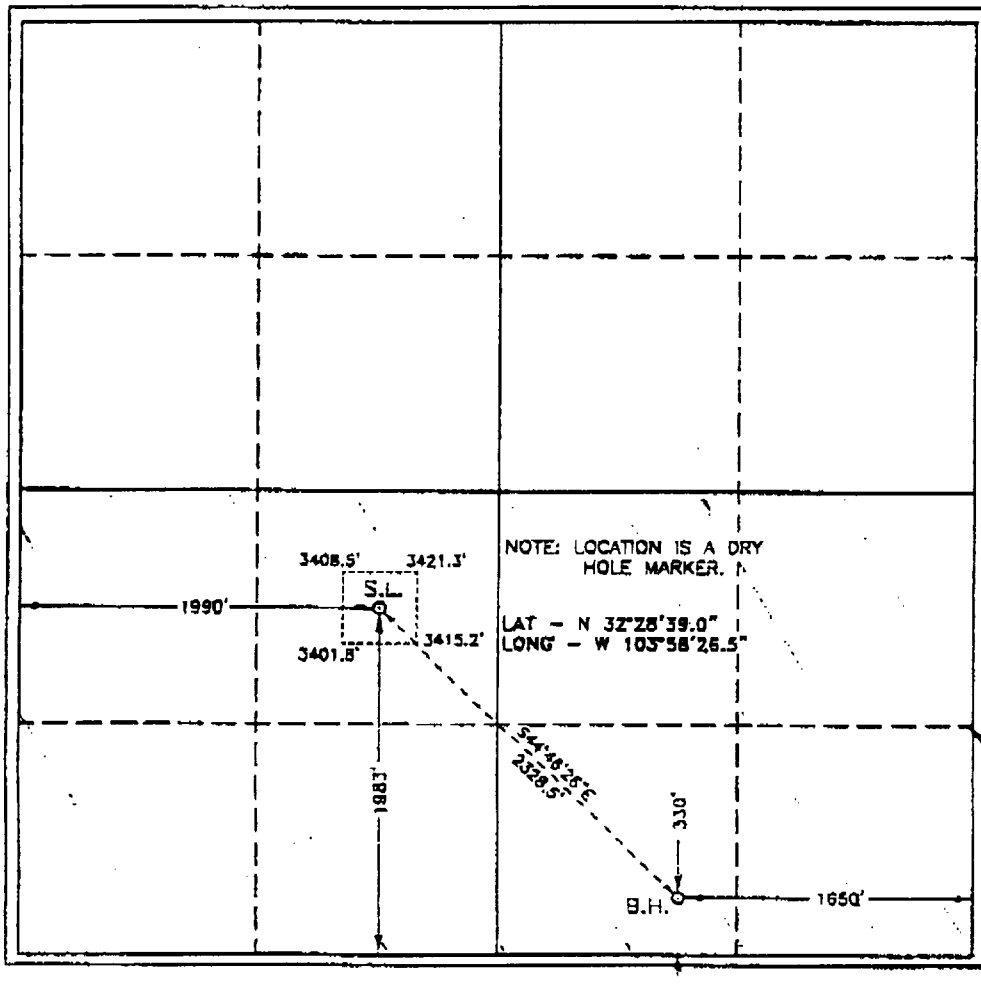
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	21 S	29 E		1983	SOUTH	1990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	21 S	29 E		330	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature FOR
W. R. Dannels
Printed Name
Division Drilling Supt.
Title
21 AUGUST 2000
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

February 9, 2000
Date Surveyed
Signature & Seal of Professional Surveyor
W.O. No. 6081AS
Certificate No. GARY L. JONES 7977
BASIN SURVEYS

EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 Below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3439' (est)
GL 3413'

FORMATION	ESTIMATED TOP FROM KB		ESTIMATED SUBSEA TOP	BEARING
	TVD	MD	TVD	
T/Rustler	432'	432'	+3,007'	None
T/Salt	522'	522'	+2,917'	None
B/Salt	2,299'	2,299'	+1,140'	None
T/Delaware	3,132'	3,132'	+ 307'	Oil & Gas
T/Cherry Canyon	4,074'	4,074'	- 635'	Oil & Gas
T/Bone Spring	6,857'	6,857'	- 3,418'	Oil & Gas
T/3rd Bone Spring	9,826'	9,830'	- 6,398'	Oil & Gas
T/Wolfcamp	10,126'	10,270'	- 6,838'	Oil & Gas
T/Strawn	11,100'	11,835'	- 7,668'	Oil & Gas
TD	11,600'	12,637'	- 8,168'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
"16"	0' - 40'	Conductor	New
"11-3/4", 42#, H-40, STC	0' - 406'	Surface	New
* 8-5/8", 24#, K-55, STC	0' - 2,374'	Intermediate	New
* 8-5/8", 28#, S-80, STC	2374' - 3,215'	Intermediate	New
5-1/2", 17#, P110, LTC	0' - 12,637'	Production	New

* Already in place.

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOP equivalent to Diagram 1 will be nippled up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

a) Upon installation
b) After any component changes
c) Fifteen days after a previous test
d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip. See the attached Diagram 1 for the minimum criteria for the choke manifold.

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' – 10,500'	FW Lime	8.5 - 9.2	45-35	NC	NC	NC	9.5
10,500' – TD	CBW/Polymer	8.8 - 13.5	34-55	10-18	12-20	10-15	9.5-10.5

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

Drill stem tests may be performed on significant shows in zones of interest.

B) LOGGING

GR-CNL-LDT, GR-DLL-MSFL run from TD to 9100', shoe to surface.

C) CORING

No cores are anticipated.

D) CEMENT

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
*SURFACE Circ to surface 50 sx	300 sx	406	Class C + 2% $CaCl_2$ + 1/4#/sx Flocele	6.30	14.80	1.32

Con't... **POINT 6: TECHNICAL STAGES OF OPERATION**

D) CEMENT

*INTERMEDIATE

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage: (Circ 150 sx to surface)						
Lead	1300	2515	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	200	Class C + 2% $CaCl_2$	6.34	14.80	1.34
2nd Stage: (Circ 12 sx to surface)						
Lead	150	420	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	250	Class C + 2% $CaCl_2$	6.34	14.80	1.34

PRODUCTION (Two stage w/DV tool @ 6500' and circulate cement to surface)

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage						
6500'-12,637' (50% excess)	1175	6137	Poz H + 0.5% FL-25 + 0.5% FL-52 + 2 pps Salt	6.36	14.00	1.36
2nd Stage						
LEAD						
0'-6000' (50% excess)	550	6000	Poz H + 10% Gel + 5% Salt + 0.2% FL-52	12.09	12.59	2.24
TAIL						
6000'-6500' (50% excess)	100	500	Class C Neat	6.34	14.80	1.34

* Surface & Intermediate was cemented in place during previous drilling (6/78).

E) DIRECTIONAL DRILLING (See attached directional plan.)

A straight hole will be re-drilled and drilled to 9100' TVD. A gyro survey or multi-shot survey will be taken every 100' from 9100' to surface.

Directional surveys will be provided at least every 200' from TD to 9100' detailing hole location. See attached directional plan.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout the Delaware, Bone Spring & Wolfcamp sections. The Strawn expected BHP is 9100 (max) or an equivalent mud weight of 13.3 ppg @ TD. Due to the tight nature of the reservoir rock (high pressure, low volume), the well will be drilled under balanced utilizing a rotating head. The expected BHT at TD is 205°F. Prior to penetrating the abnormal pressures in the Strawn, mud-monitoring equipment will be installed and operative. No H_2S is anticipated.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon approval

50 days drilling operations

15 days completion operations

JCW/mac
August 30, 2000

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit "A".

B) Existing Roads:

From the intersection of NM 31 & US 62-180 approximately 15 miles east of Carlsbad, NM, go 4-1/2 miles south on NM 31. Turn right and go 1.9 miles west on lease road to BEU #40 pad. Continue north across pad 1 mile into location.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

The original drilling pad will be reconstructed and the lease road to the location will be the same with necessary reconditioning.

B) Width

Not applicable

C) Maximum Grade

Not applicable.

D) Turnout Ditches

None.

POINT 2: NEW PLANNED ACCESS ROUTE – Con't...

E) Culverts, Cattle Guards, and Surfacing Equipment

None.

POINT 3: LOCATION OF EXISTING WELLS

Exhibit "A-1" indicates existing wells within the surrounding area.

POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES

A) Existing facilities within one mile owned or controlled by lessee/operator:

None.

B) New Facilities in the Event of Production:

Will build new facilities at location pad and lay a flowline to those facilities.

C) Rehabilitation of Disturbed Areas Unnecessary for Production:

Those access areas required for continued production will be graded to provide drainage and minimize erosion. The areas unnecessary for use will be graded to blend in the surrounding topography – See Point 10.

POINT 5: LOCATION AND TYPE OF WATER SUPPLY

A) Location and Type of Water Supply

Brine water will be hauled from commercial facilities. Fresh water to be hauled from Carlsbad, New Mexico or from Mills Ranch.

B) Water Transportation System

Water hauling to the location will be over the existing and proposed roads.

POINT 6: SOURCE OF CONSTRUCTION MATERIALS

A) Materials

Surface caliche will be used if possible. Closest alternate caliche source is indicated on Exhibits "A".

B) Land Ownership

Federally owned land for both surface locations and bottom hole location.

C) Materials Foreign to the Site

No construction materials foreign to this area are anticipated for this drill site.

D) Access Roads

See Exhibit "A".

POINT 7: METHODS FOR HANDLING WASTE MATERIAL

A) Cuttings

Cuttings will be contained in the plastic lined reserve pit.

B) Drilling Fluids

Drilling fluids will be contained in the plastic lined reserve pit.

C) Produced Fluids

Water production will be contained in the plastic lined reserve pit.

Hydrocarbon fluid or other fluids that may be produced during testing will be retained in test tanks. Prior to cleanup operations, any hydrocarbon material in the reserve pit will be removed by skimming or burning as the situation would dictate.

D) Sewage

Current laws and regulations pertaining to the disposal of human waste will be complied with.

E) Garbage

Portable containers will be utilized for garbage disposal during the drilling of this well.

POINT 7: METHODS FOR HANDLING WASTE MATERIAL – Con't...

F) Cleanup of Well Site

Upon release of the drilling rig, the surface of the drilling pad will be graded to accommodate a completion rig if electric log analysis indicate potential productive zones. In any case, the "mouse" hole and the "rat" hole will be filled and covered. The reserve pit will be bird netted and fenced. The fence will be maintained until the pit is backfilled. Reasonable cleanup will be performed prior to the final restoration of the site.

POINT 8: ANCILLARY FACILITIES

None required.

POINT 9: WELL SITE LAYOUT

A) Rig Orientation and Layout

Exhibit "C" shows the dimensions of the well pad and reserve pits, and the location of major rig components. Only minor leveling of the well site will be required. No significant cuts or fills will be necessary.

B) Locations of Pits and Access Road

See Exhibits "A" and "C".

C) Lining of the Pits

The reserve pits will be lined with plastic.

POINT 10: PLANS FOR RESTORATION OF THE SURFACE

A) Reserve Pit Cleanup

Pits will be fenced immediately after spudding and maintained until backfilled. Prior to back-filling, any hydrocarbon material on the pit surfaces shall be removed. The fluids and solids contained in the pits shall be backfilled with soil excavated from the site and soil adjacent to the reserve pits. The restored surface of the pits shall be contoured to prevent impoundment of surface water flow. Water-bars will be constructed as needed to prevent excessive erosion. Topsoil, as available, shall be placed over the restored surface in a uniform layer. The area will be seeded to Bureau of Land Management stipulations in the appropriate season following restoration.

POINT 10: PLANS FOR RESTORATION OF THE SURFACE – Con't...

B) Restoration Plans - Production Developed

Reserve pits will be backfilled and restored as described above under Item A. In addition, those areas not required for production will be graded to blend with the surrounding topography. Topsoil, as available, will be placed upon those areas and seeded. The portion of the site required for production will be graded to minimize erosion and provide access during inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C) Restoration Plans - No Production Developed

Reserve pits will be restored as described above. With no production developed, the entire surface disturbed by construction of the well site will be restored. The site will be contoured to blend with the surrounding topography and provide drainage of surface water. The topsoil, as available, shall be replaced in a uniform layer and seeded according to the Bureau of Land Management's stipulations.

D) Rehabilitation's Time table

Upon completion of drilling operations, the initial cleanup of the site will be performed as soon as weather and site conditions allow economic execution of the work.

POINT 11: OTHER INFORMATION

A) Terrain

Relatively flat.

B) Soil

Caliche and sand.

C) Vegetation

Sparse, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There are no ponds, lakes, streams or rivers within several miles of the wellsite.

F) Water Wells

There are no water wells within several miles of the wellsite.

POINT 11: OTHER INFORMATION – Con't... Page 6

G) Residences and Buildings

No buildings within several miles of wellsite.

H) Historical Sites

None observed.

I) Archeological Resources

An archeological survey has been obtained for this area. A full and complete archeological survey has been submitted to the Bureau of Land Management. Any location or construction conflicts will be resolved before construction begins.

J) Surface Ownership

The well site and new access road is on federally owned land. No ROW will be required.

K) Well signs will be posted at the drilling site.

L) Open Pits

All pits containing liquid or mud will be fenced and bird netted.

POINT 12: OPERATOR'S FIELD REPRESENTATIVE

(Field personnel responsible for compliance with development plan for surface use).

DRILLING
William R. Dannels
Box 2760
Midland, Texas 79702
(915) 683-2277

PRODUCTION
Mike Waygood
910 N. Canal, Suite 704
Carlsbad, New Mexico 88220
(505) 887-7329

Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

POINT 13: CERTIFICATION

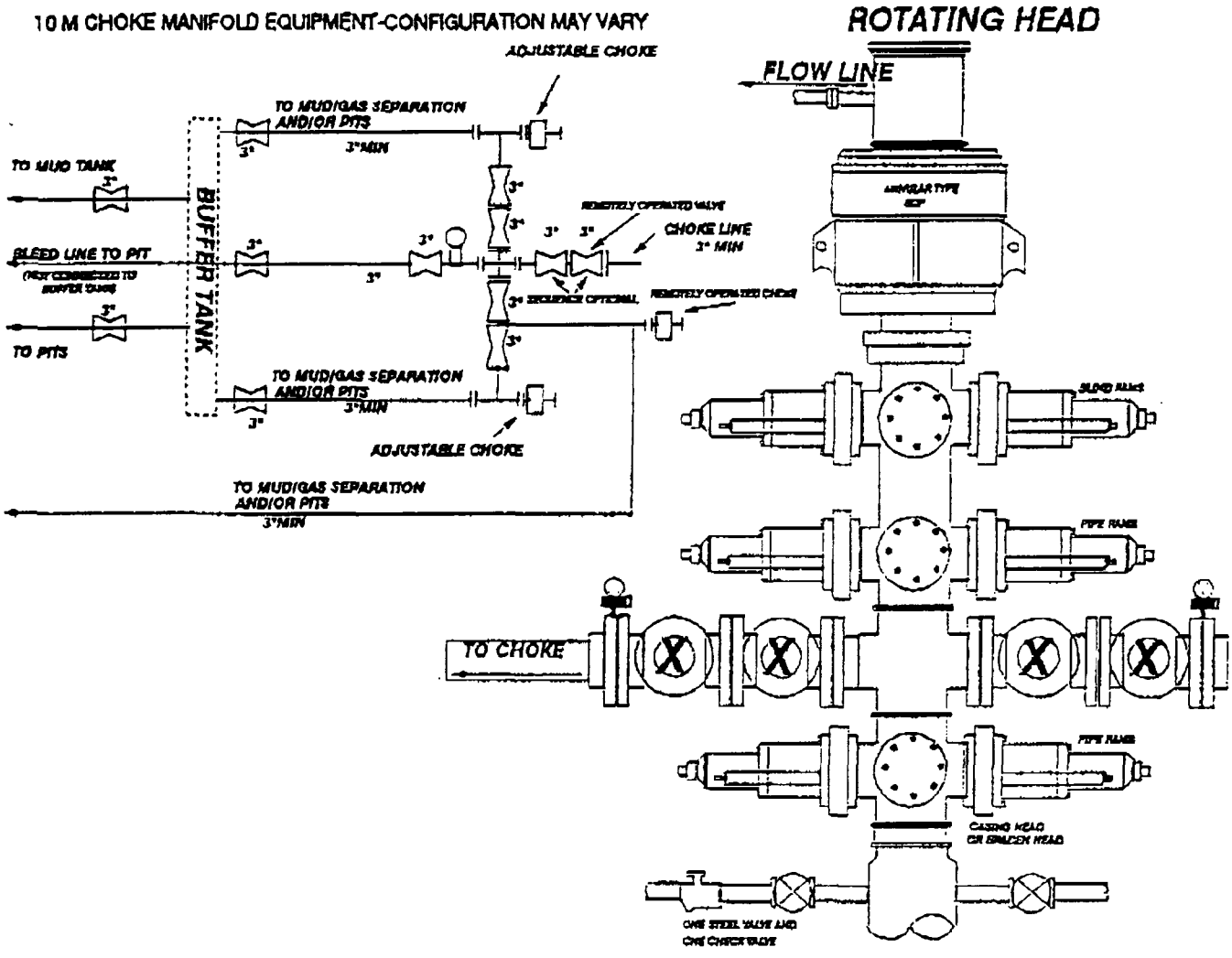
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bass Enterprises Production Co. and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/31/00
Date

William R. Dannels

WRD/JCW:mac

10-M. WP BOPE WITH 5-M WP ANNULAR



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS:

A. Opening between the ram to be flanged, studded, or clamped.
B. All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch diameter.
C. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventors.
D. ALL connections to and from preventer to have a pressure rating equivalent to that of the BOPs.
E. Manual controls to be installed before drilling cement plug.
F. Kelly cock to be installed on kelly.
G. Inside blowout preventer to be available on rig floor.
H. Dual operating controls: one located by drillers position and the other located a safe distance from the rig floor.
I. All chokes will be adjustable.

DIAGRAM 1

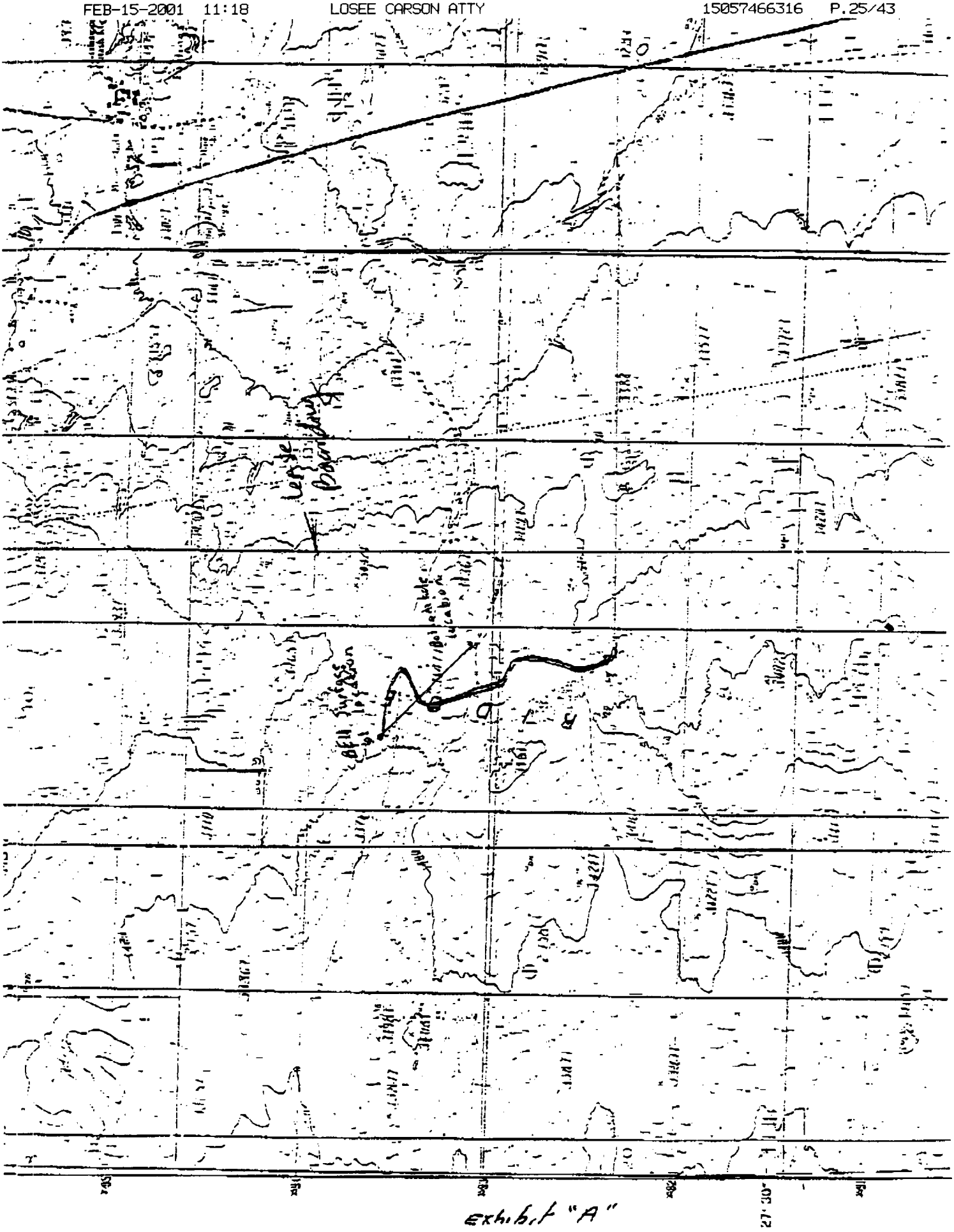


Exhibit "A"

EXHIBIT "B"
BIG EDDY UNIT
Lease Boundary
29
21

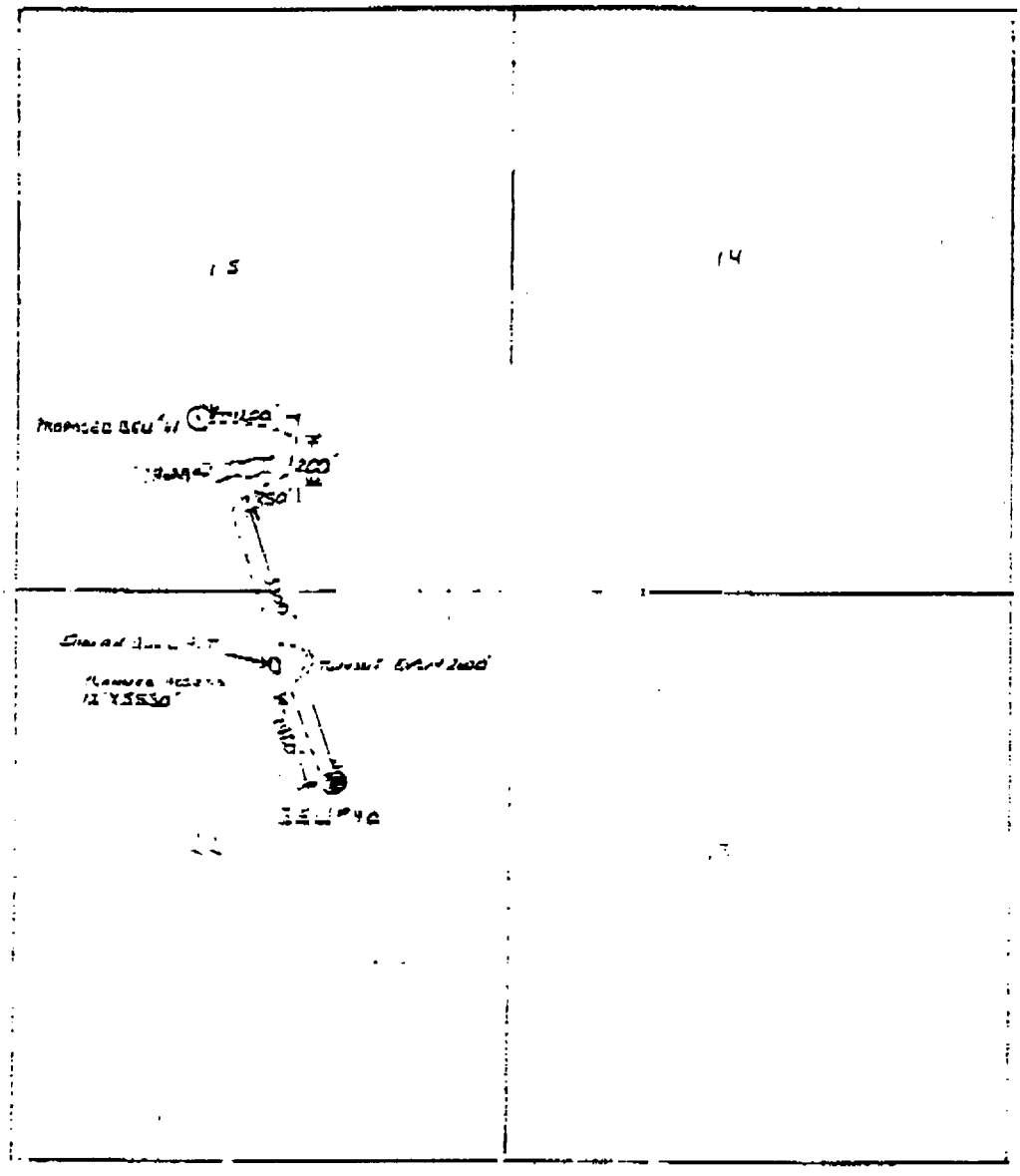
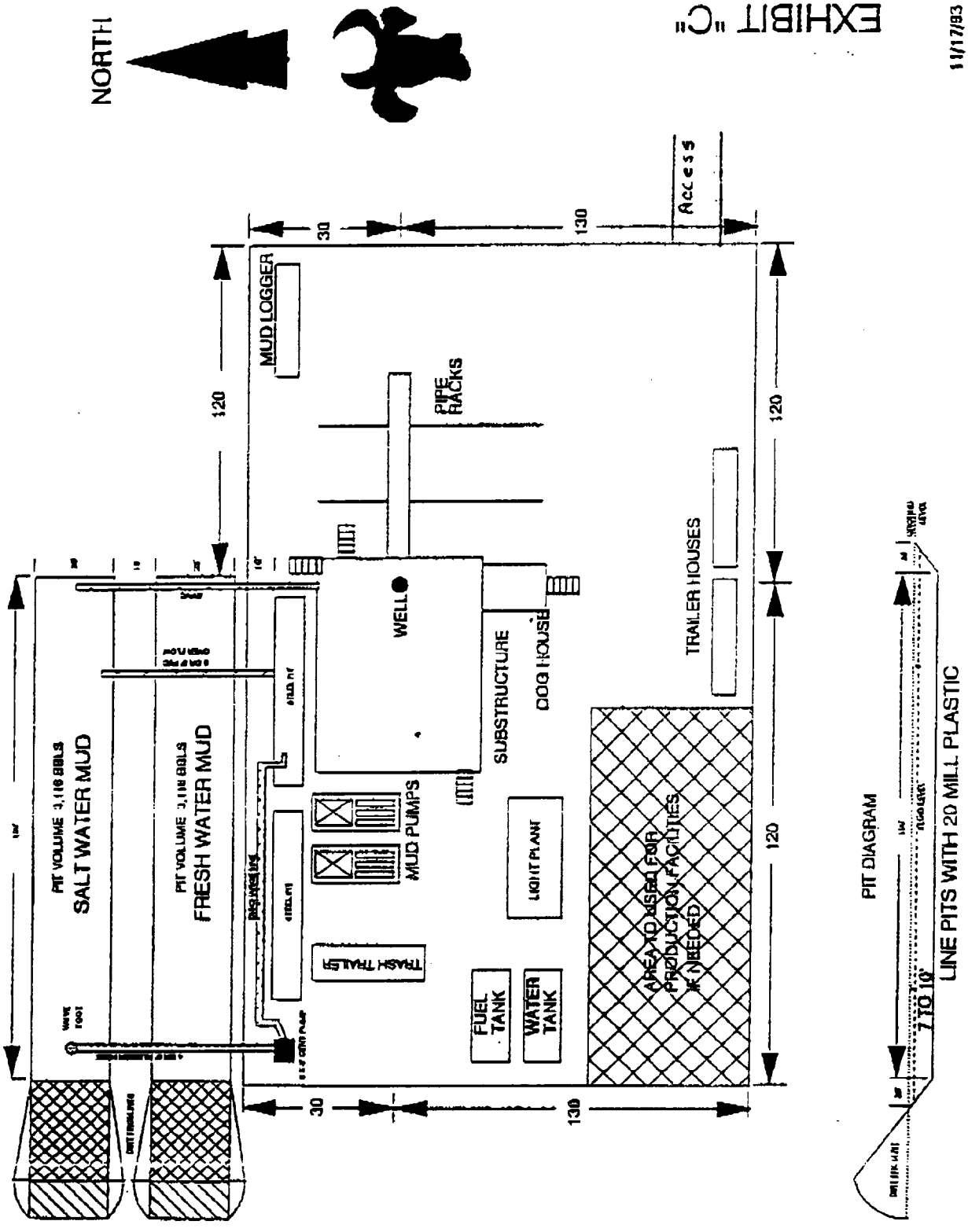
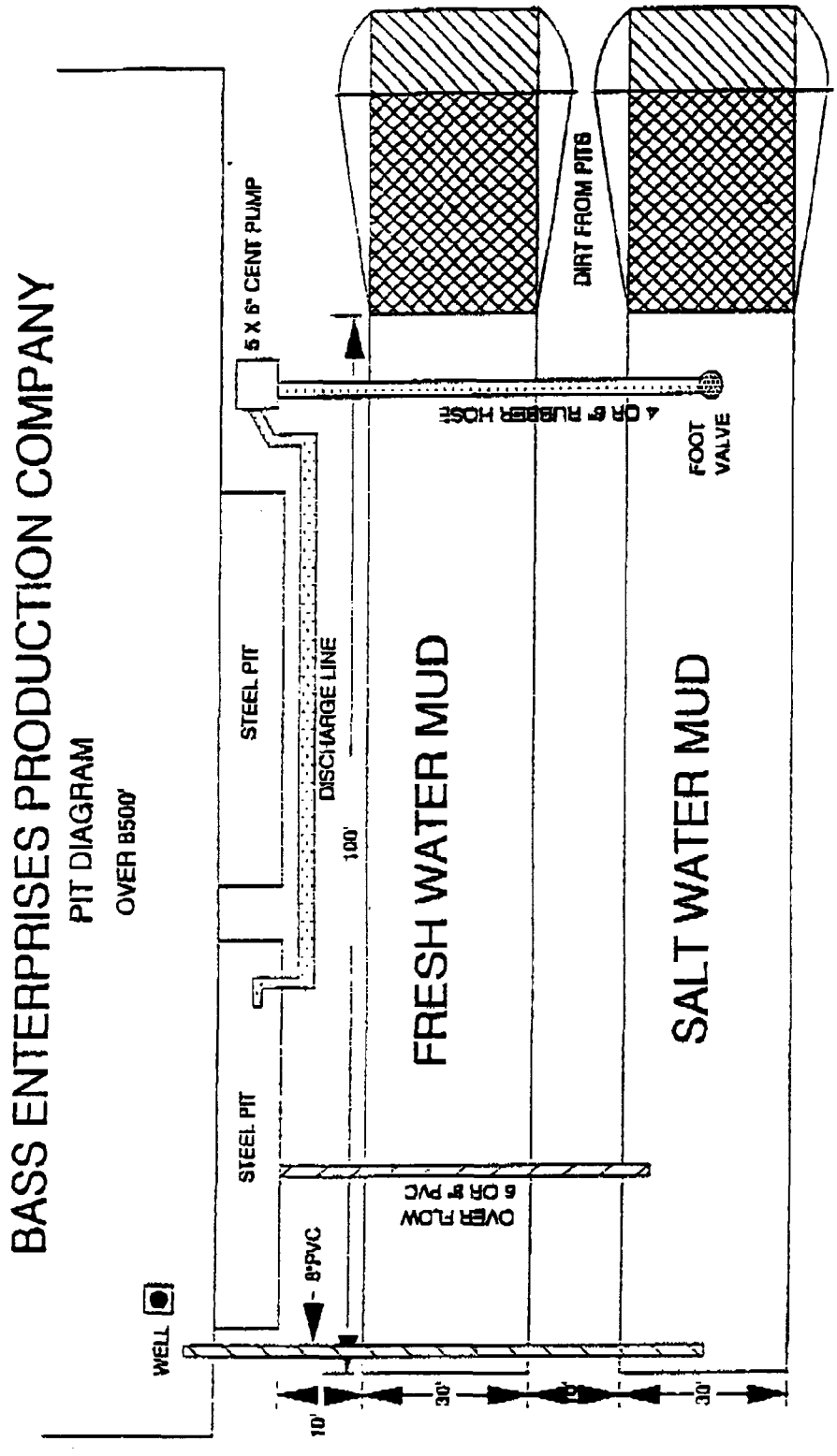


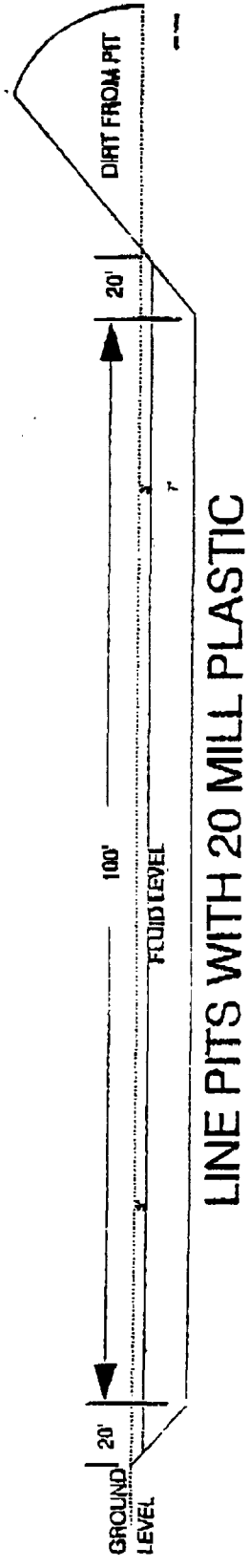
EXHIBIT "B"-1

EXHIBIT "C"

11/17/93 BGH







LINE PITS WITH 20 MILL PLASTIC

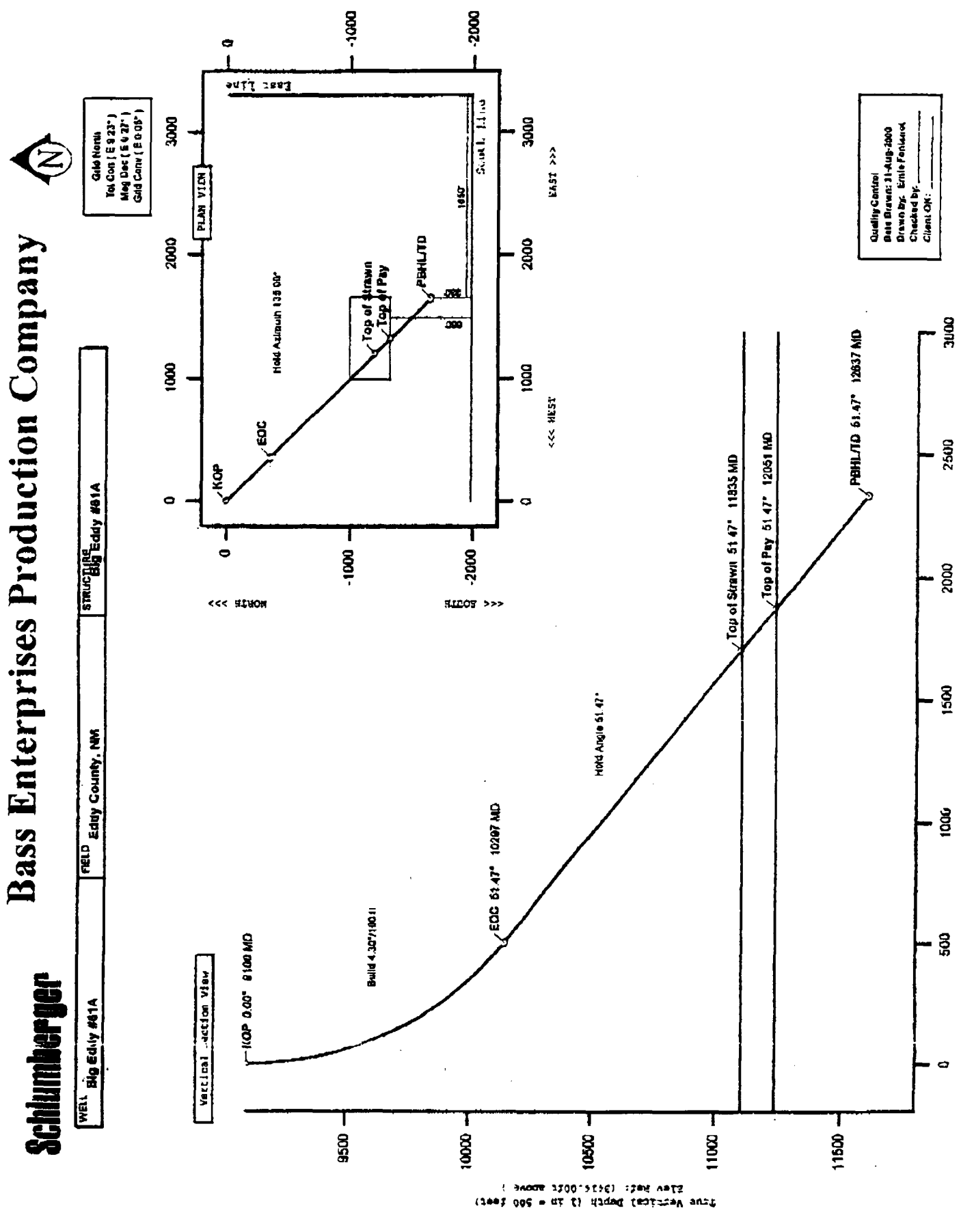
Proposed Well Profile

Report Date:	August 31, 2000	**Survey / DLS Computation Method:**	Minimum Curvature / Lubinski
Client:	Bass Enterprises Production Company	**Vertical Section Azimuth:**	135.000°
Field:	Eddy County, NM	**Vertical Section Origin:**	N 0.000 ft, E 0.000 ft
Structure / Slot:	Big Eddy #61A / Slant Well	**TVD Reference Datum:**	
Well:	Big Eddy #61A	**TVD Reference Elevation:**	3414.0 ft relative to
Borehole:	Big Eddy #61A	**Sea Bed / Ground Level Elevation:**	0.000 ft relative to
UWI/API#:		**Magnetic Declination:**	9.274°
Proposal Name / Modified Date:	Rev 4 / August 31, 2000	**Total Field Strength:**	49752.050 nT
Tort / AHD / DDI /ERD ratio:	51.473° / 2333.44 ft / 5.117 / 0.201	**Magnetic Dip:**	60.316°
Grid Coordinate System:	NAD27 New Mexico State Planes, Eastern Zone, US Feet	**Declination Date:**	August 31, 2000
Location Lat/Long:	N 32 9 16.621, W 104 14 52.902	**Magnetic Declination Model:**	IGRF 1999
Location Grid N/E Y/X:	N 419981.400 ftUS, E 526399.600 ftUS	**North Reference:**	Grid North
Grid Convergence Angle:	+0.04539979°	**Total Corr Mag North -> Grid North:**	+9.229°
Grid Scale Factor:	0.99990989	**Local Coordinates Referenced To:**	Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	9000.00	0.00	135.00	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
KOP	9100.00	0.00	135.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
	9200.00	4.30	135.00	9199.91	3.75	-2.65	2.65	3.75	135.00	4.30	135.0MTF
	9300.00	8.60	135.00	9299.25	14.99	-10.60	10.60	14.99	135.00	4.30	0.0
	9400.00	12.90	135.00	9397.47	33.64	-23.79	23.79	33.64	135.00	4.30	0.0
	9500.00	17.21	135.00	9494.01	59.61	-42.15	42.15	59.61	135.00	4.30	0.0
	9600.00	21.51	135.00	9588.34	92.75	-65.58	65.58	92.75	135.00	4.30	0.0
	9700.00	25.81	135.00	9679.91	132.87	-93.95	93.95	132.87	135.00	4.30	0.0
	9800.00	30.11	135.00	9768.22	179.74	-127.10	127.10	179.74	135.00	4.30	0.0
	9900.00	34.41	135.00	9852.76	233.11	-164.83	164.83	233.11	135.00	4.30	0.0
	10000.00	38.71	135.00	9933.06	292.67	-206.95	206.95	292.67	135.00	4.30	0.0
	10100.00	43.02	135.00	10008.67	358.08	-253.20	253.20	358.08	135.00	4.30	0.0
	10200.00	47.32	135.00	10079.16	428.98	-303.34	303.34	428.98	135.00	4.30	0.0

EOC	10296.58	51.47	135.00	10142.00	502.29	-355.17	355.17	502.29	135.00	4.30	0.0
	10300.00	51.47	135.00	10144.13	504.97	-357.06	357.06	504.97	135.00	0.00	0.0
	10400.00	51.47	135.00	10206.42	583.20	-412.38	412.38	583.20	135.00	0.00	0.0
	10500.00	51.47	135.00	10268.71	661.43	-467.70	467.70	661.43	135.00	0.00	0.0
	10600.00	51.47	135.00	10331.00	739.66	-523.02	523.02	739.66	135.00	0.00	0.0
	10700.00	51.47	135.00	10393.29	817.89	-578.33	578.33	817.89	135.00	0.00	0.0
	10800.00	51.47	135.00	10455.58	896.12	-633.65	633.65	896.12	135.00	0.00	0.0
	10900.00	51.47	135.00	10517.87	974.35	-688.97	688.97	974.35	135.00	0.00	0.0
	11000.00	51.47	135.00	10580.16	1052.58	-744.28	744.28	1052.58	135.00	0.00	0.0
	11100.00	51.47	135.00	10642.45	1130.81	-799.60	799.60	1130.81	135.00	0.00	0.0
	11200.00	51.47	135.00	10704.74	1209.04	-854.92	854.92	1209.04	135.00	0.00	0.0
	11300.00	51.47	135.00	10767.03	1287.27	-910.24	910.24	1287.27	135.00	0.00	0.0
	11400.00	51.47	135.00	10829.32	1365.50	-965.55	965.55	1365.50	135.00	0.00	0.0
	11500.00	51.47	135.00	10891.61	1443.73	-1020.87	1020.87	1443.73	135.00	0.00	0.0
	11600.00	51.47	135.00	10953.90	1521.96	-1076.19	1076.19	1521.96	135.00	0.00	0.0
	11700.00	51.47	135.00	11016.19	1600.19	-1131.51	1131.51	1600.19	135.00	0.00	0.0
	11800.00	51.47	135.00	11078.48	1678.42	-1186.82	1186.82	1678.42	135.00	0.00	0.0
Top of Strawn	11834.55	51.47	135.00	11100.00	1705.45	-1205.94	1205.94	1705.45	135.00	0.00	0.0
	11900.00	51.47	135.00	11140.77	1756.65	-1242.14	1242.14	1756.65	135.00	0.00	0.0
	12000.00	51.47	135.00	11203.06	1834.88	-1297.46	1297.46	1834.88	135.00	0.00	0.0
Top of Pay	12051.28	51.47	135.00	11235.00	1875.00	-1325.82	1325.82	1875.00	135.00	0.00	0.0
	12100.00	51.47	135.00	11265.35	1913.11	-1352.77	1352.77	1913.11	135.00	0.00	0.0
	12200.00	51.47	135.00	11327.64	1991.34	-1408.09	1408.09	1991.34	135.00	0.00	0.0
	12300.00	51.47	135.00	11389.93	2069.57	-1463.41	1463.41	2069.57	135.00	0.00	0.0
	12400.00	51.47	135.00	11452.22	2147.80	-1518.73	1518.73	2147.80	135.00	0.00	0.0
	12500.00	51.47	135.00	11514.51	2226.03	-1574.04	1574.04	2226.03	135.00	0.00	0.0
	12600.00	51.47	135.00	11576.80	2304.26	-1629.36	1629.36	2304.26	135.00	0.00	0.0
PBHL/TD	12637.29	51.47	135.00	11600.00	2333.45	-1650.00	1650.00	2333.45	135.00	0.00	0.0

Survey Error Model: *(No Error Model Selected)*


Schlumberger
Bass Enterprises Production Company
WELL Big Eddy #81A
FIELD Eddy County, NM
STRUCTURE Big Eddy #81A
Grid Norma
Tot Con (8 9 23")
Mag Dec (8 6 27")
Grid Conv (8 0 05")
PLAN VIEW
KOP
EOC
Hold Azimuth 138 00°
Top of Strawn
Top of Pay
PBHL/TD
MORTH >>>
<<< SOUTH
<< WEST
EAST >>>
Vertical Section View
KOP 0.00° 8100 MD
Build 4.35°/100 ft
EOC 51.47° 10297 MD
Hold Angle 51.47°
Top of Strawn 51.47° 11835 MD
Top of Pay 51.47° 12051 MD
PBHL/TD 51.47° 12637 MD
Quality Control
Date Drawn: 31-Aug-2000
Drawn by: Ernie Fenlaw
Checked by:
Client OK:

SPECIAL DRILLING STIPULATIONS

THE FOLLOWING DATA IS REQUIRED ON THE WELL SIGN

Operator's Name BASS ENTERPRISES PROD CO. Well Name & No. BIG EDDY UNIT # 61-A
Location 1983' F S L & 1990' F W L Sec. 15, T. 21 S., R. 29 E.
Lease No. NM-06750 County EDDY State New Mexico

The Special stipulations check marked below are applicable to the above described well and approval of this application to drill is conditioned upon compliance with such stipulations in addition to the General Requirements. The permittee should be familiar with the General Requirements, a copy of which is available from a Bureau of Land Management office. EACH PERMITTEE HAS THE RIGHT OF ADMINISTRATIVE APPEAL TO THESE STIPULATIONS PURSUANT TO TITLE 43 CFR 3165.3 AND 3165.4.

This permit is valid for a period of one year from the date of approval or until lease expiration or termination whichever is shorter.

I. SPECIAL ENVIRONMENT REQUIREMENTS

( ) Lesser Prairie Chicken (stips attached)
( ) San Simon Swale (stips attached)
( ) Floodplain (stips attached)
(✓) Other See attached archaeological stipulations.

II. ON LEASE - SURFACE REQUIREMENTS PRIOR TO DRILLING

(✓) The BLM will monitor construction of this drill site. Notify the (✓) Carlsbad Field Office at (505) 234-5972 ( ) Hobbs Office (505) 393-3612, at least 3 working days prior to commencing construction.

(✓) Roads and the drill pad for this well must be surfaced with 6 inches of compacted caliche.

( ) All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil on the subject location is approximately ____ inches in depth. Approximately ____ cubic yards of topsoil material will be stockpiled for reclamation.

( ) Other.

III. WELL COMPLETION REQUIREMENTS

( ) A communitization Agreement covering the acreage dedicated to the well must be filed for approval with the BLM. The effective date of the agreement must be prior to any sales.

(✓) Surface Restoration: If the well is a producer, the reserve pit(s) will be backfilled when dry, and cut-and-fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be re-contoured to resemble the original contours of the surrounding terrain, and topsoil must be re-distributed and re-seeded with a drill equipped with a depth indicator (set at a depth of ½ inch) with the following seed mixture, in pounds of Pure Live Seed (PLS), per acre.

( ) A. Seed Mixture 1 (Loamy Sites)
Side Oats Grama (*Boutaloua curtipendula*) 5.0
Sand Dropseed (*Sporobolus cryptandrus*) 1.0

( ) B. Seed Mixture 2 (Sandy Sites)
Sand Dropseed (*Sporobolus cryptandrus*) 1.0
Sand Lovegrass (*Eragostis trichodes*) 1.0
Plains Bristlegrass (*Setaria magrostachya*) 2.0

( ) C. Seed Mixture 3 (Shallow Sites)
Sideoats Grama (*Boute curtipendula*) 1.0

(✓) D. Seed Mixture 4 (Gypsum Sites)
Alkali Sacaton (*Sporobollud airoides*) 1.0
Four-Wing Saltbush (*Atriplex canescens*) 5.0

Seeding should be done either late in the fall (September 15 - November 15, before freeze up, or early as possilbe the following spring to take advantage of available ground moisture.

( ) Other.

RESERVE PIT CONSTRUCTION STANDARDS

The reserve pit shall be constructed entirely in cut material and lined with 6 mil plastic.

Mineral material extracted during construction of the reserve pit may be used for development of the pad and access road as needed. Removal of any additional material on location must be purchased from BLM.

Reclamation: Reclamation of this type of deep pit will consist of pushing the pit walls into the pit when sufficiently dry to support track equipment. The pit liner is NOT TO BE RUPTURED to facilitate drying; a ten month period after completion of the well is allowed for drying of the pit contents.

The pit area must be contoured to the natural terrain with all contaminated drilling mud buried with at least 3 feet of clean soil. The reclaimed area will then be seeded as specified in this permit.

OPTIONAL PIT CONSTRUCTION STANDARDS

The reserve pit may be constructed in predominantly fill material if:

(1) Lined as specified above and

(2) A borrow/caliche/gravel pit can be constructed immediately adjacent to the reserve pit and it capable of containing all reserve pit contents. The mineral material removed in the process can be used for pad and access road construction. However, a material sales contract must be purchased from the BLM prior to removal of the material.

Reclamation of the reserve pit consists of bulldozing all reserve pit contents and contaminants into the borrow pit and covering with a minimum of 3 feet of clean soil material. The entire area must be recontoured, all trash removed, and reseeded as specified in this permit.

CULTURAL

Whether or not an archaeological survey has been completed and notwithstanding that operations are being conducted as approved, the lessee/operator/grantee shall notify the BLM immediately if previously unidentified cultural resources are observed during surface disturbing operations. From the time of the observation, the lessee/operator/grantee shall avoid operations that will result in disturbance to these cultural resources until directed to proceed by BLM.

TRASH PIT STIPS

All trash, junk, and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

CULTURAL RESOURCES STIPULATIONS
CARLSBAD FIELD OFFICE

PROJECT Bass Big Eddy #61 - re-entry loc + Access Report No. 00 NM1-080-555

SITE PROTECTION AND EMPLOYEE EDUCATION: All employees of the project will be informed that cultural sites are to be avoided by all personnel, personal vehicles and company equipment. They will be also be notified that it is illegal to collect, damage or disturb cultural resources.

Yes A. Monitoring is required.

Yes 1. A copy of these stipulations will be supplied to the archaeological monitor at least two (2) working days prior to the start of construction activities.

Yes 2. No construction activities, including vegetation removal, may begin before the arrival of the archaeological monitor. - No equipment may be moved on to location without archaeological monitor present

Yes 3. The archaeological monitor will:

Yes a. Ensure that the site temporary protection barrier is located as indicated on the attached map(s).

No b. Observe all surface disturbing activities within _____ feet of cultural site

_____ (see attached map(s).

Yes c. Other: Observe all equipment including drilling rig being moved on to location and s/o

Yes d. Submit a report of the monitoring activities within thirty (30) days of completion of monitoring unless other arrangements are made with the BLM. These stipulations must be attached to the report.

No B. The grantee must select one of the following alternatives:

_____ 1. Controlled test excavations to determine if cultural resources are present;
_____ 2. Reduction of the project size to avoid all significant cultural materials;
_____ 3. Relocation of the project;
_____ 4. Preparation and implementation of a data recovery plan for cultural sites(s)

_____

Yes C. SITE BARRIER/FENCING:

Yes 1. A temporary site protection barrier(s) will be erected prior to any + all arrival of equipment construction. The barrier(s) will, at a minimum, consist of upright wooden survey lath spaced no more than ten (10) feet apart and marked with blue ribbon flagging or blue paint. There will be no construction activities or vehicular traffic past the barrier(s). The barrier(s) will be removed along the road during drilling activity + replaced to move equipment out

No 2. A permanent fence(s) will be erected prior to _____ construction. There will be no construction activities or vehicle traffic past the fence(s).

Yes 3. The barrier(s)/fence(s) will be placed as indicated on the attached map(s).

Yes D. CONSTRUCTION ZONES: There will be a no construction zone East or South of existing Pad and out side of existing road where fenced

Yes E. OTHER: The movement of equipment along the roads must be restricted through sites - see attached maps - by temporary barriers and escorted by archaeologist -

Road Thru Sites Shall NOT Be Up Graded

TOWER HILL SOUTH, NEW MEXICO
PROVISIONAL EDITION 1985

J2103-D8-TF-024

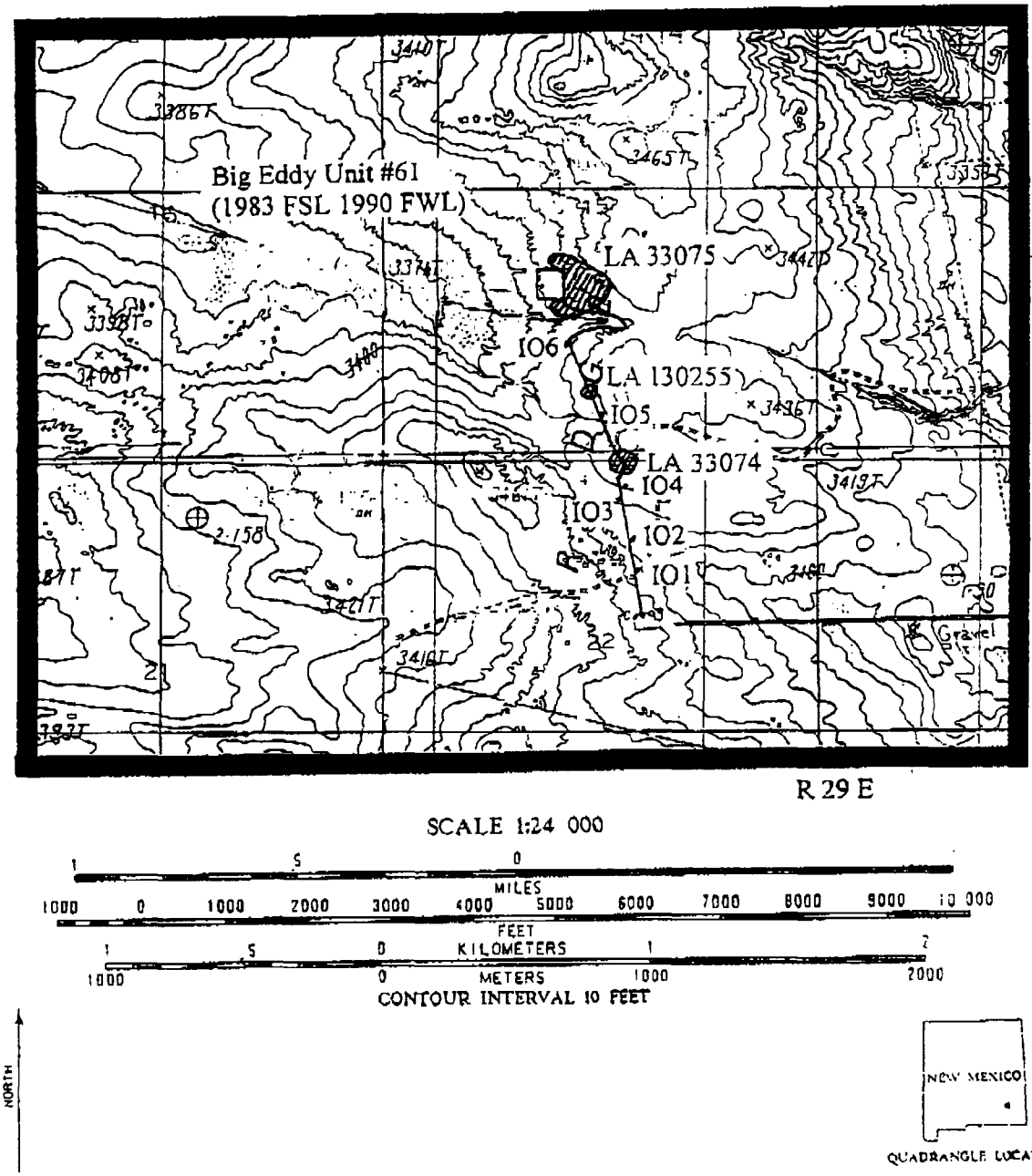


Figure 1. Project location

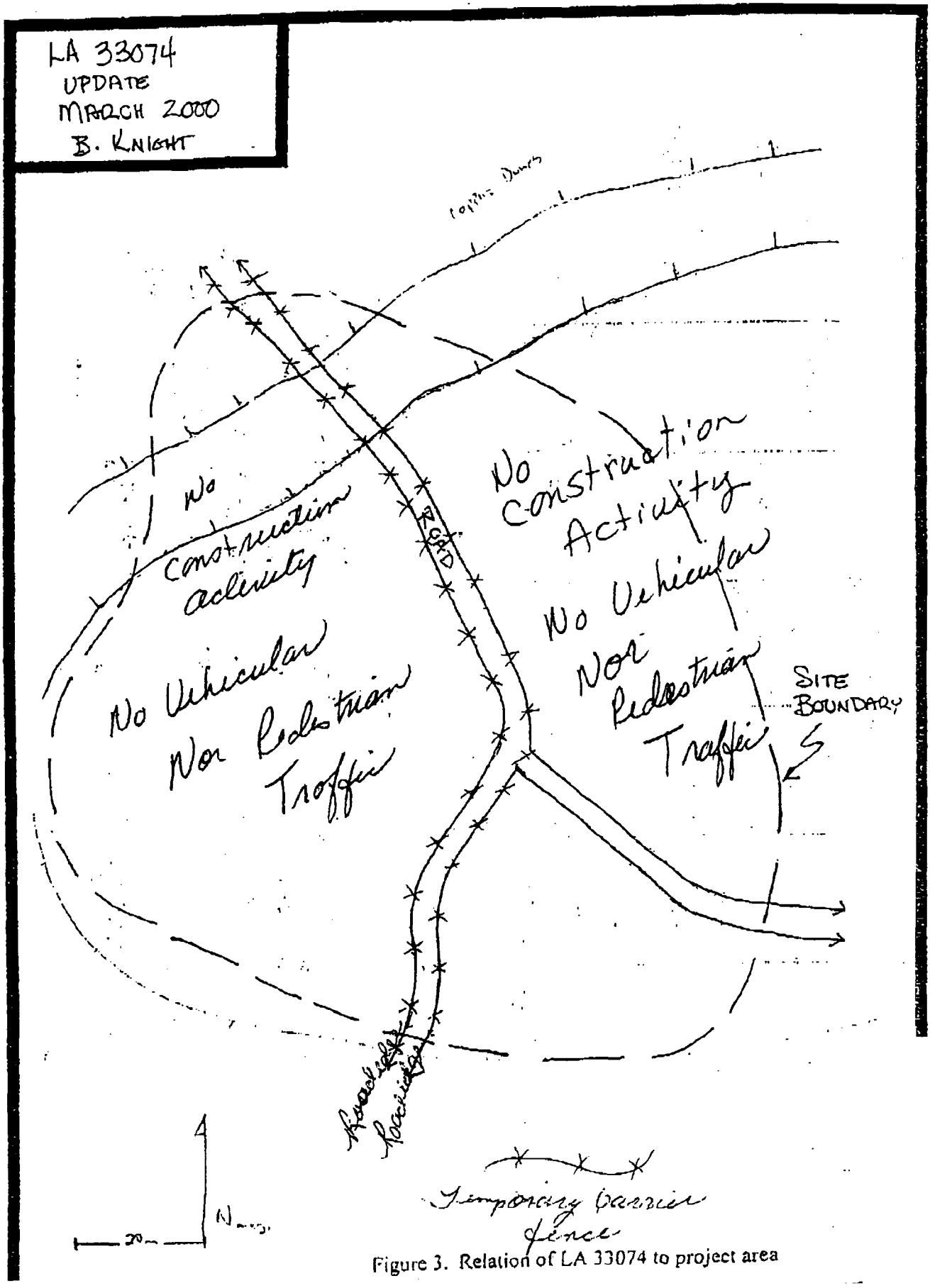


Figure 3. Relation of LA 33074 to project area

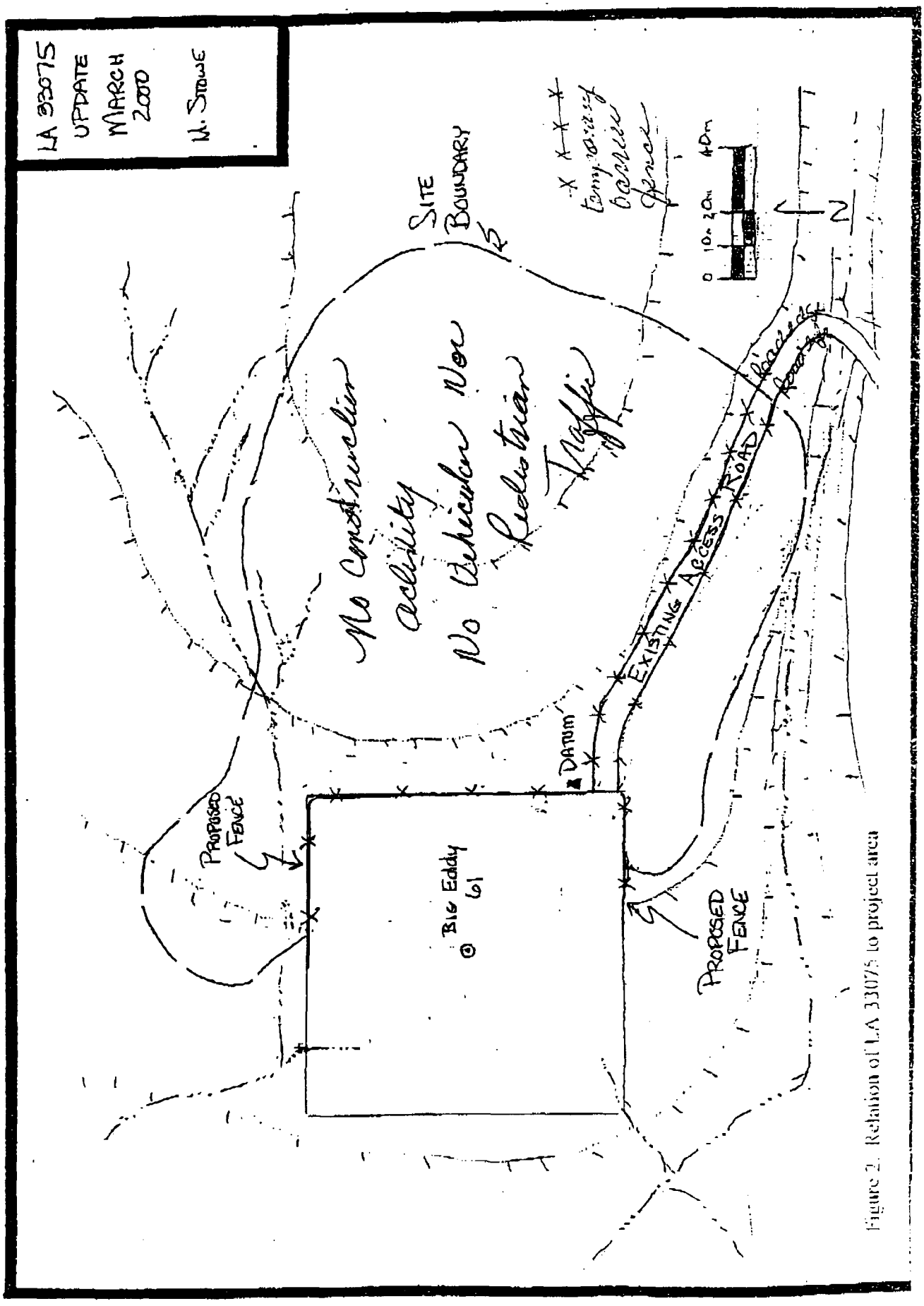


Figure 2. Rehabion of LA 33075 to project area

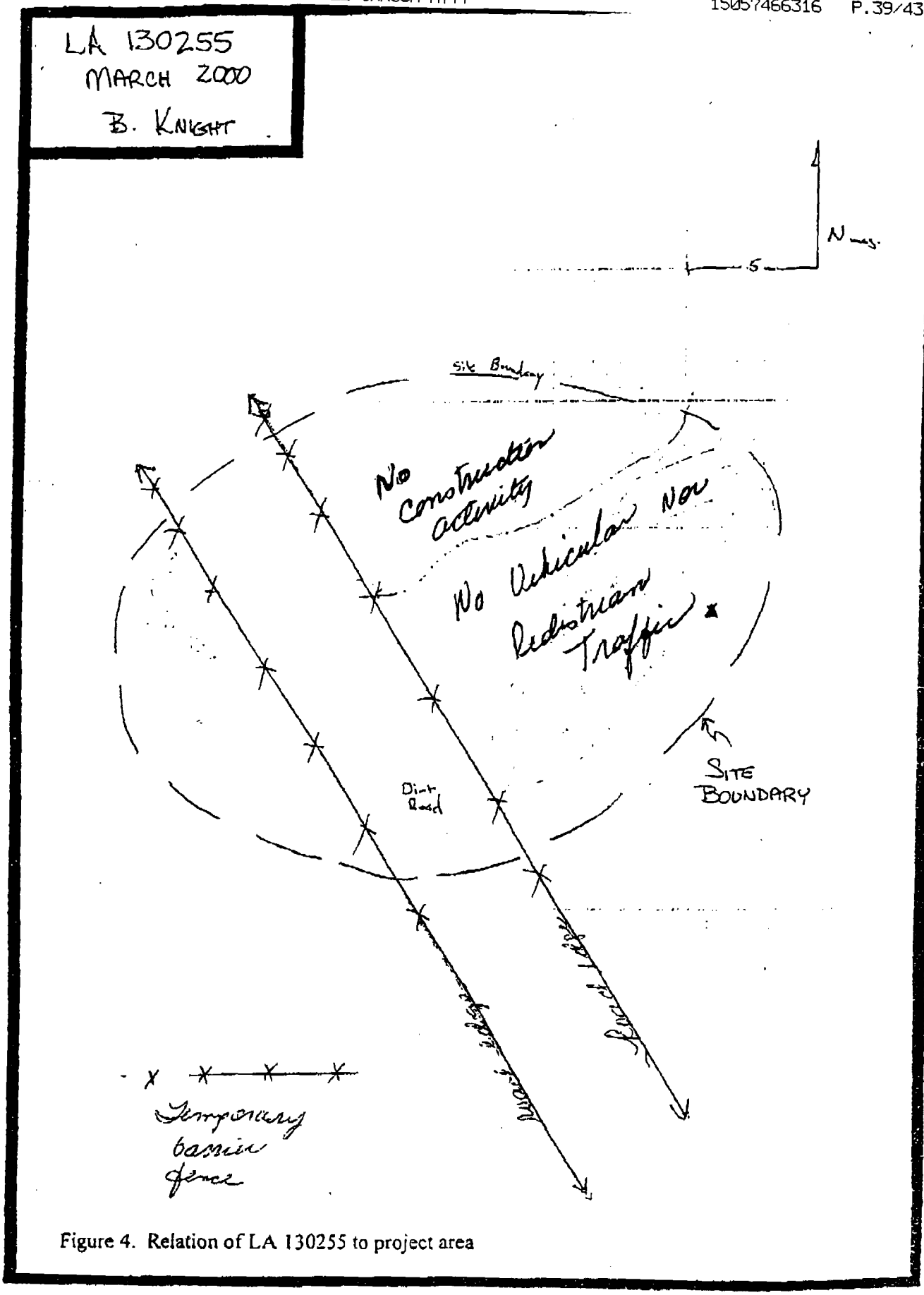


Figure 4. Relation of LA 130255 to project area

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Bass Enterprises Production Co.
Well No. 61-A - Big Eddy Unit
Location: 330' FSL & 1650' FEL sec. 15, T. 21 S., R. 29 E.
Lease: NMNM-06750

I. DRILLING OPERATIONS REQUIREMENTS:

1. The Bureau of Land Management (BLM) is to be notified at (505) 887-6544 in sufficient time for a representative to witness:

A. Spudding

B. Cementing casing: 11-3/4 inch 8-5/8 inch 5-1/2 inch

C. BOP tests

2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

3. Include the API No. assigned to well by NMOCD on the subsequent report of setting the first casing string.

II. CASING:

3. Minimimum required fill of cement behind the 5-1/2 inch production casing is **cement shall extend upward a minimum of 500 feet above the uppermost perforation and cover all potential oil & gas zones.**

III. PRESSURE CONTROL:

1. Before drilling below the 11-3/4 inch surface casing, the blowout preventer assembly shall consist of a minimum of One Annular Preventer or Two Ram-Type Preventers and a Kelly Cock/Stabbing Valve.

2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 10000 psi.

3. The BOPE shall be installed before drilling below the 8-5/8 inch intermediate casing and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

4. The results of the test will be reported to the BLM Carlsbad Resource Area office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.

ORIG. SGD. ES BABYAK

EXHIBIT A

BLM Serial Number: NM-06750

Company Reference: BIG EDDY UNIT # 61-A

STANDARD STIPULATIONS FOR PERMANENT RESOURCE ROADS

The holder/grantee/permittee shall hereafter be identified as the holder in these stipulations. The Authorized Officer is the person who approves the Application for Permit to Drill (APD) and/or Right-of-Way (ROW).

GENERAL REQUIREMENTS

The holder shall minimize disturbance to existing fences and other improvements on public domain surface. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will make a documented good-faith effort to contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence.

Holder agrees to comply with the following stipulations:

1. ROAD WIDTH AND GRADE

The road will have a driving surface of 14 feet (all roads shall have a minimum driving surface of 12 feet, unless local conditions dictate a different width). The maximum grade is 10 percent unless the box below is checked. Maximum width of surface disturbance from construction will be 30 feet.

/__/ Those segments of road where grade is in excess of 10% for more than 300 feet shall be designed by a professional engineer.

2. CROWNING AND DITCHING

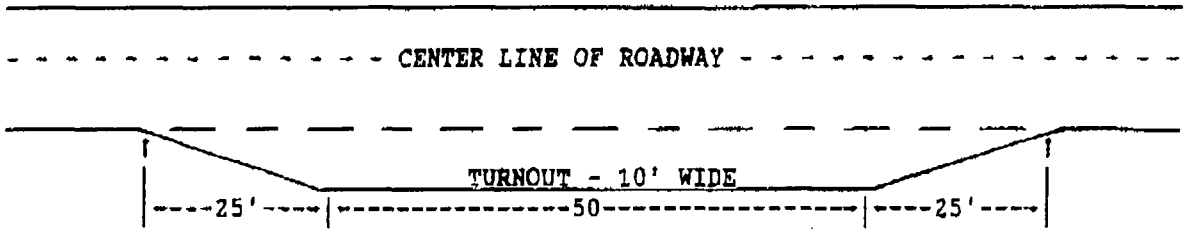
Crowning with materials on site and ditching on one side of the road on the uphill side will be required. The road cross-section will conform to the cross section diagrams in Figure 1. If conditions dictate, ditching may be required for both sides of the road; if local conditions permit, a flat-bladed road may be considered (if these conditions exist, check the appropriate box below). The crown shall have a grade of approximately 2% (i.e., 1" crown on a 12' wide road).

/X/ Ditching will be required on both sides of the roadway as shown on the attached map or as staked in the field.

/__/ Flat-blading is authorized on segment(s) delineated on the attached map.

4. TURNOUTS

Unless otherwise approved by the Authorized Officer, vehicle turnouts will be required. Turnouts will be located at 2000-foot intervals, or the turnouts will be intervisible, whichever is less. Turnouts will conform to the following diagram:



STANDARD TURNOUT - PLAN VIEW

5. SURFACING

Surfacing of the road or those portions identified on the attached map may, at the direction of the Authorized Officer, be required, if necessary, to maintain traffic within the right-of-way with caliche, gravel, or other surfacing material which shall be approved by the Authorized Officer. When surfacing is required, surfacing materials will be compacted to a minimum thickness of six inches with caliche material. The width of surfacing shall be no less than the driving surface. Prior to using any mineral materials from an existing or proposed Federal source, authorization must be obtained from the Authorized Officer.

6. CATTLEGUARDS

Where used, all cattleguard grids and foundation designs and construction shall meet the American Association of State Highway and Transportation Officials (AASHTO) Load Rating H-20, although AASHTO U-80 rated grids shall be required where heavy loads (exceeding H-20 loading), are anticipated (See BLM standard drawings for cattleguards). Cattleguard grid length shall not be less than 8 feet and width of not less than 14 feet. A wire gate (16-foot minimum width) will be provided on one side of the cattleguard unless requested otherwise by the surface user.

7. MAINTENANCE

The holder shall maintain the road in a safe, usable condition. A maintenance program shall include, but not be limited to blading, ditching, culvert installation, culvert cleaning, drainage installation, cattleguard maintenance, and surfacing.

8. PUBLIC ACCESS

Public access along this road will not be restricted by the holder without specific written approval being granted by the Authorized Officer. Gates or cattleguards on public lands will not be locked or closed to public use unless closure is specifically determined to be necessary and is authorized in writing by the Authorized Officer.

9. CULTURAL RESOURCES

Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the authorized officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the authorized officer after consulting with the holder.

10. SPECIAL STIPULATIONS: [redacted] See attached archaeological stipulations.

CMD : ONGARD 03/15/01 10:18:5C
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQLI
PAGE NO: 1

Sec : 15 Twp : 21S Rng : 29E Section Type : NORMAL

D 40.00 Federal owned U	C 40.00 Federal owned U	B 40.00 Federal owned U	A 40.00 Federal owned U
E 40.00 Federal owned U	F 40.00 Federal owned U	G 40.00 Federal owned U	H 40.00 Federal owned U

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 03/15/01 10:18:53
OG5SECT INQUIRE LAND BY SECTION OGOMES -TQLI
PAGE NO: 2

Sec : 15 Twp : 21S Rng : 29E Section Type : NORMAL

L 40.00 Federal owned U	K 40.00 Federal owned U	J 40.00 Federal owned U	I 40.00 Federal owned U
M 40.00 Federal owned U	N 40.00 Federal owned U	O 40.00 Federal owned U	P 40.00 Federal owned U

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

FORM APPROVED
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

RECEIVED
OCD - ARTESIA

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
Oil Well [XX] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

2. Name of Operator
Bass Enterprises Production Co.

3. Address and Telephone No.
P O Box 2760 Midland, Texas 79702-2760 (915) 683-2277

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At Surface
1983' FSL & 1990' FWL, Section 15, T21S, R29E
At proposed BHL (Center of proposed 330' X 660' target)
330' FSL & 1650' FEL, Section 15, T21S, R29E

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

5. Lease Designation and Serial No.
NM-06750

6. If Indian, Allottee or Tribe Name

7. Unit agreement name
Big Eddy Unit

8. Farm or Lease Name, Well No.
Big Eddy Unit #61-A

9. API Well No.
30-015-22544

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 15, T21S, R29E

14. Distance in miles and direction from nearest town or Post Office*
15 miles east of Carlsbad, NM

12. County or Parish: Eddy
13. State: NM

15. Distance from proposed* Location to nearest Property or lease line, ft. (Also to nearest drlg. unit line, if any)	16. No. of acres in Lease	17. No. of Acres assigned to this Well
330'	600	320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this Lease, ft.	19. Proposed Depth	20. Rotary or Cable Tools
NA	11,600' TVD 12,637' MD	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
3413' GR

22. Approx. date work will start*
Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING		WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 15"	11-3/4"	H40	42#	406'	4 sx Circ to surface 50 sx.
* 11"	8-5/8"	K55/S80	24# & 28#	3215'	1850 sx Circ to surface. DV tool @ 802'.
7-7/8"	5-1/2"	P110	17#	~~12,637'~~ 0-10,637	1825 sx Circ to 3000'. DV tool @ 6500'.
"	"	LS-110	"	10,637 - 12,637	

SECRETARY'S POTASH

Drilling procedure, BOP Diagram, Anticipated Tops & Surface Plans attached.
This will be a re-entry of an existing wellbore with a controlled directional hole below intermediate casing. KOP @ approx 9100' MD.
Building angle at approx 4.3 deg/100' to 51.47 deg at 10,297' and holding that angle to PTD. All objectives will be within orthodox spacing limits.
Original well was drilled in June 1978. Surface and Intermediate were cemented and remain in place as indicated. TOC for both strings was surface.
(All depths are given as measured depths except when specified otherwise.)

* indicates strings already in place.

NOTE: LS-110 is HC-110 PER W.R. DANNELS 9/13/00. LB.

This BHL is an unorthodox location. Upon BLM approval of this APD application, BEPCO Land Department will initiate unorthodox location application and procedure.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
Signed J. C. Ward for W. R. Dannels Title Division Drilling Supt. Date 8/31/00

(This space for Federal or State office use)

Permit No. NSL- Approval Date

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Approved by ORIG. SGD.) M. J. CHÁVEZ Title STATE DIRECTOR Date NOV 17 2000

*See Instruction on Reverse Side

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representatives as to any matter within its jurisdiction.

Mississippi Potash, Inc.
We Make Things Grow®

ILLEGIBLE

October 7, 1999

Bass Enterprises Production Co.
201 Main St.
Fort Worth, TX 76102-3131
Attention: Mr. J. Wayne Bailey

Re: Big Eddy Unit No. 61
Section 15, T-21-S, R-29-E
Eddy County, New Mexico

Dear Mr. Bailey:

Mississippi Potash, Inc. offers no objection to the re-entering and directional drilling of the Big Eddy Unit No. 61 well by Bass Enterprises Production Co.

Sincerely,

Jill Farnsworth

Jill Farnsworth
Chief Mine Engineer

Cc: Ms. Leslie Theiss
Bureau of Land Management
Carlsbad Area Resource Office
P.O. Box 1778
Carlsbad, NM 88220

P.O. Box 101 • 1996 Potash Mines Road • Carlsbad, New Mexico 88220
Phone (505) 887-5591 • FAX (505) 887-0705

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name

Property Code	Property Name	Well Number
	BIG EDDY UNIT	61-A

OGRID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3413'

Surface Location

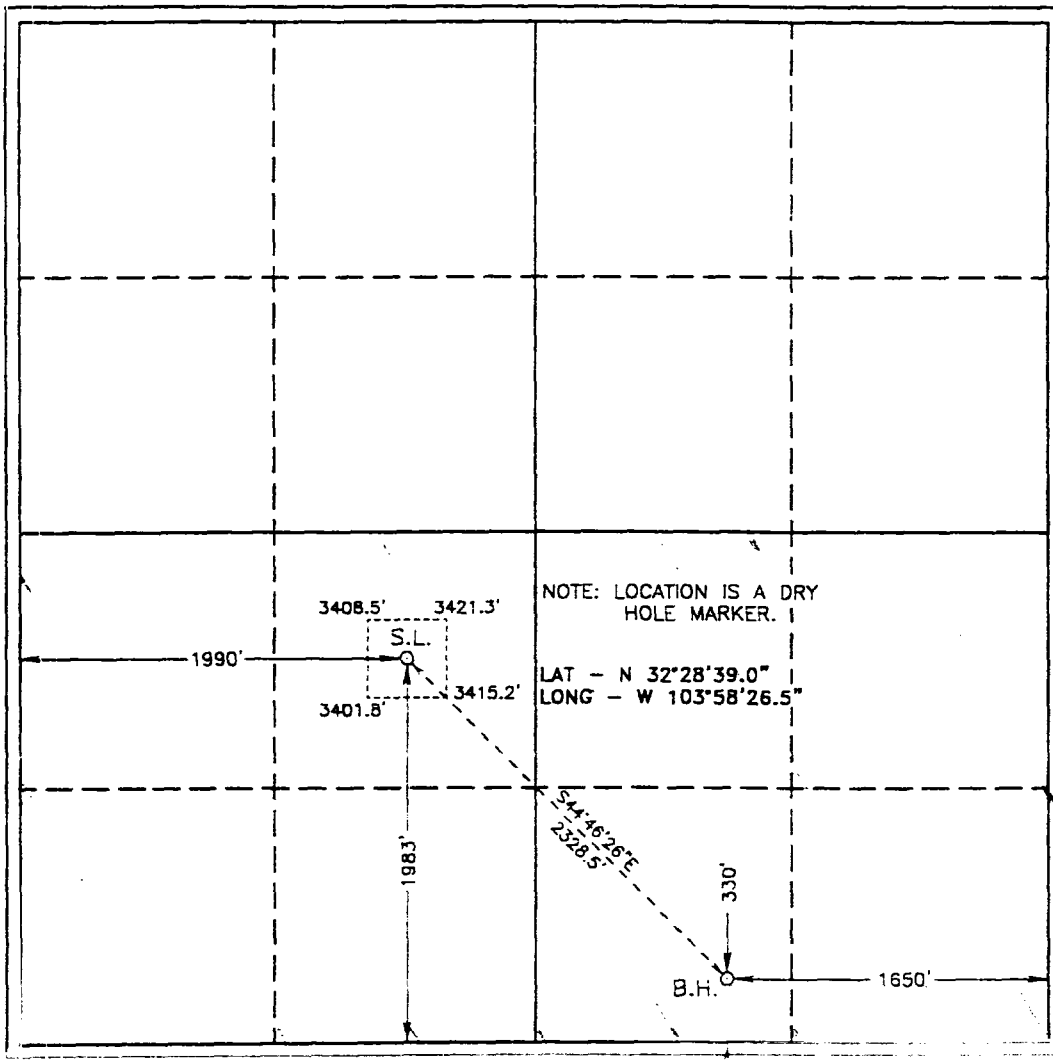
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	21 S	29 E		1983	SOUTH	1990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	21 S	29 E		330	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature FOR
W. R. Dannels
Printed Name
Division Drilling Supt.
Title
21 AUGUST 2000
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

February 9, 2000
Date Surveyed
Signature & Seal of Professional Surveyor
GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR
W.O. No. 6081YAS
Certificate No. Gary L. Jones 7977
BASIN SURVEYS

EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 Below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated Formation Tops: KB 3439' (est)
GL 3413'

FORMATION	ESTIMATED TOP FROM KB		ESTIMATED SUBSEA TOP	BEARING
	TVD	MD	TVD	
T/Rustler	432'	432'	+3,007'	None
T/Salt	522'	522'	+2,917'	None
B/Salt	2,299'	2,299'	+1,140'	None
T/Delaware	3,132'	3,132'	+ 307'	Oil & Gas
T/Cherry Canyon	4,074'	4,074'	- 635'	Oil & Gas
T/Bone Spring	6,857'	6,857'	- 3,418'	Oil & Gas
T/3rd Bone Spring	9,826'	9,830'	- 6,398'	Oil & Gas
T/Wolfcamp	10,126'	10,270'	- 6,838'	Oil & Gas
T/Strawn	11,100'	11,835'	- 7,668'	Oil & Gas
TD	11,600'	12,637'	- 8,168'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
"16"	0' - 40'	Conductor	New
"11-3/4", 42#, H-40, STC	0' - 406'	Surface	New
* 8-5/8", 24#, K-55, STC	0' - 2,374'	Intermediate	New
* 8-5/8", 28#, S-80, STC	2374' - 3,215'	Intermediate	New
5-1/2", 17#, P110, LTC	0' - 12,637'	Production	New

* Already in place.

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)

A BOP equivalent to Diagram 1 will be nippled up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

a) Upon installation
b) After any component changes
c) Fifteen days after a previous test
d) As required by well conditions

A function test to insure that the preventers are operating correctly will be performed on each trip. See the attached Diagram 1 for the minimum criteria for the choke manifold.

POINT 5: MUD PROGRAM

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' – 10,500'	FW Lime	8.5 - 9.2	45-35	NC	NC	NC	9.5
10,500' – TD	CBW/Polymer	8.8 - 13.5	34-55	10-18	12-20	10-15	9.5-10.5

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

Drill stem tests may be performed on significant shows in zones of interest.

B) LOGGING

GR-CNL-LDT, GR-DLL-MSFL run from TD to 9100', shoe to surface.

C) CORING

No cores are anticipated.

D) CEMENT

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT^3/SX
*SURFACE						
Circ to surface 50 sx	300 sx	406	Class C + 2% $CaCl_2$ + 1/4#/sx Flocele	6.30	14.80	1.32

Con't... POINT 6: TECHNICAL STAGES OF OPERATION

D) CEMENT

*INTERMEDIATE

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage: (Circ 150 sx to surface)						
Lead	1300	2515	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	200	Class C + 2% $CaCl_2$	6.34	14.80	1.34
2nd Stage: (Circ 12 sx to surface)						
Lead	150	420	Halco Lite + 2% $CaCl_2$ + 1/4#/sx Flocele	12.09	12.59	2.24
Tail	100	280	Class C + 2% $CaCl_2$	6.34	14.80	1.34

PRODUCTION (Two stage w/DV tool @ 6500' and circulate cement to surface)

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT³/SX
1st Stage						
6500'-12,637' (50% excess)	1175	6137	Poz H + 0.5% FL-25 + 0.5% FL-52 + 2 pps Salt	6.36	14.00	1.36
2nd Stage						
LEAD						
0'-6000' (50% excess)	550	6000	Poz H + 10% Gel + 5% Salt + 0.2% FL-52	12.09	12.59	2.24
TAIL						
6000'-6500' (50% excess)	100	500	Class C Neat	6.34	14.80	1.34

* Surface & Intermediate was cemented in place during previous drilling (6/78).

E) DIRECTIONAL DRILLING (See attached directional plan.)

A straight hole will be re-drilled and drilled to 9100' TVD. A gyro survey or multi-shot survey will be taken every 100' from 9100' to surface.

Directional surveys will be provided at least every 200' from TD to 9100' detailing hole location. See attached directional plan.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Normal pressures are anticipated throughout the Delaware, Bone Spring & Wolfcamp sections. The Strawn expected BHP is 9100 (max) or an equivalent mud weight of 13.3 ppg @ TD. Due to the tight nature of the reservoir rock (high pressure, low volume), the well will be drilled under balanced utilizing a rotating head. The expected BHT at TD is 205°F. Prior to penetrating the abnormal pressures in the Strawn, mud-monitoring equipment will be installed and operative. No H_2S is anticipated.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

B) Anticipated Starting Date

Upon approval

50 days drilling operations

15 days completion operations

JCW/mac
August 30, 2000

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: BIG EDDY UNIT #61A

LEGAL DESCRIPTION - SURFACE: 1983' FSL & 1990' FWL, Section 15, T21S, R29E, Eddy County, New Mexico.

Bottom Hole Location: 330' FSL & 1650' FEL, Section 15, T21S, R29E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit "A".

B) Existing Roads:

From the intersection of NM 31 & US 62-180 approximately 15 miles east of Carlsbad, NM, go 4-1/2 miles south on NM 31. Turn right and go 1.9 miles west on lease road to BEU #40 pad. Continue north across pad 1 mile into location.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

The original drilling pad will be reconstructed and the lease road to the location will be the same with necessary reconditioning.

B) Width

Not applicable

C) Maximum Grade

Not applicable.

D) Turnout Ditches

None.

E) Culverts, Cattle Guards, and Surfacing Equipment

None.

POINT 3: LOCATION OF EXISTING WELLS

Exhibit "A-1" indicates existing wells within the surrounding area.

POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES

A) Existing facilities within one mile owned or controlled by lessee/operator:

None.

B) New Facilities in the Event of Production:

Will build new facilities at location pad and lay a flowline to those facilities.

C) Rehabilitation of Disturbed Areas Unnecessary for Production:

Those access areas required for continued production will be graded to provide drainage and minimize erosion. The areas unnecessary for use will be graded to blend in the surrounding topography – See Point 10.

POINT 5: LOCATION AND TYPE OF WATER SUPPLY

A) Location and Type of Water Supply

Brine water will be hauled from commercial facilities. Fresh water to be hauled from Carlsbad, New Mexico or from Mills Ranch.

B) Water Transportation System

Water hauling to the location will be over the existing and proposed roads.

POINT 6: SOURCE OF CONSTRUCTION MATERIALS

A) Materials

Surface caliche will be used if possible. Closest alternate caliche source is indicated on Exhibits "A".

B) Land Ownership

Federally owned land for both surface locations and bottom hole location.

C) Materials Foreign to the Site

No construction materials foreign to this area are anticipated for this drill site.

D) Access Roads

See Exhibit "A".

POINT 7: METHODS FOR HANDLING WASTE MATERIAL

A) Cuttings

Cuttings will be contained in the plastic lined reserve pit.

B) Drilling Fluids

Drilling fluids will be contained in the plastic lined reserve pit.

C) Produced Fluids

Water production will be contained in the plastic lined reserve pit.

Hydrocarbon fluid or other fluids that may be produced during testing will be retained in test tanks. Prior to cleanup operations, any hydrocarbon material in the reserve pit will be removed by skimming or burning as the situation would dictate.

D) Sewage

Current laws and regulations pertaining to the disposal of human waste will be complied with.

E) Garbage

Portable containers will be utilized for garbage disposal during the drilling of this well.

F) Cleanup of Well Site

Upon release of the drilling rig, the surface of the drilling pad will be graded to accommodate a completion rig if electric log analysis indicate potential productive zones. In any case, the "mouse" hole and the "rat" hole will be filled and covered. The reserve pit will be bird netted and fenced. The fence will be maintained until the pit is backfilled. Reasonable cleanup will be performed prior to the final restoration of the site.

POINT 8: ANCILLARY FACILITIES

None required.

POINT 9: WELL SITE LAYOUT

A) Rig Orientation and Layout

Exhibit "C" shows the dimensions of the well pad and reserve pits, and the location of major rig components. Only minor leveling of the well site will be required. No significant cuts or fills will be necessary.

B) Locations of Pits and Access Road

See Exhibits "A" and "C".

C) Lining of the Pits

The reserve pits will be lined with plastic.

POINT 10: PLANS FOR RESTORATION OF THE SURFACE

A) Reserve Pit Cleanup

Pits will be fenced immediately after spudding and maintained until backfilled. Prior to back-filling, any hydrocarbon material on the pit surfaces shall be removed. The fluids and solids contained in the pits shall be backfilled with soil excavated from the site and soil adjacent to the reserve pits. The restored surface of the pits shall be contoured to prevent impoundment of surface water flow. Water-bars will be constructed as needed to prevent excessive erosion. Topsoil, as available, shall be placed over the restored surface in a uniform layer. The area will be seeded to Bureau of Land Management stipulations in the appropriate season following restoration.

B) Restoration Plans - Production Developed

Reserve pits will be backfilled and restored as described above under Item A. In addition, those areas not required for production will be graded to blend with the surrounding topography. Topsoil, as available, will be placed upon those areas and seeded. The portion of the site required for production will be graded to minimize erosion and provide access during inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C) Restoration Plans - No Production Developed

Reserve pits will be restored as described above. With no production developed, the entire surface disturbed by construction of the well site will be restored. The site will be contoured to blend with the surrounding topography and provide drainage of surface water. The topsoil, as available, shall be replaced in a uniform layer and seeded according to the Bureau of Land Management's stipulations.

D) Rehabilitation's Time table

Upon completion of drilling operations, the initial cleanup of the site will be performed as soon as weather and site conditions allow economic execution of the work.

POINT 11: OTHER INFORMATION

A) Terrain

Relatively flat.

B) Soil

Caliche and sand.

C) Vegetation

Sparse, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There are no ponds, lakes, streams or rivers within several miles of the wellsite.

F) Water Wells

There are no water wells within several miles of the wellsite.

G) Residences and Buildings

No buildings within several miles of wellsite.

H) Historical Sites

None observed.

I) Archeological Resources

An archeological survey has been obtained for this area. A full and complete archeological survey has been submitted to the Bureau of Land Management. Any location or construction conflicts will be resolved before construction begins.

J) Surface Ownership

The well site and new access road is on federally owned land. No ROW will be required.

K) Well signs will be posted at the drilling site.

L) Open Pits

All pits containing liquid or mud will be fenced and bird netted.

POINT 12: OPERATOR'S FIELD REPRESENTATIVE

(Field personnel responsible for compliance with development plan for surface use).

DRILLING
William R. Dannels
Box 2760
Midland, Texas 79702
(915) 683-2277

PRODUCTION
Mike Waygood
910 N. Canal, Suite 704
Carlsbad, New Mexico 88220
(505) 887-7329

Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

POINT 13: CERTIFICATION

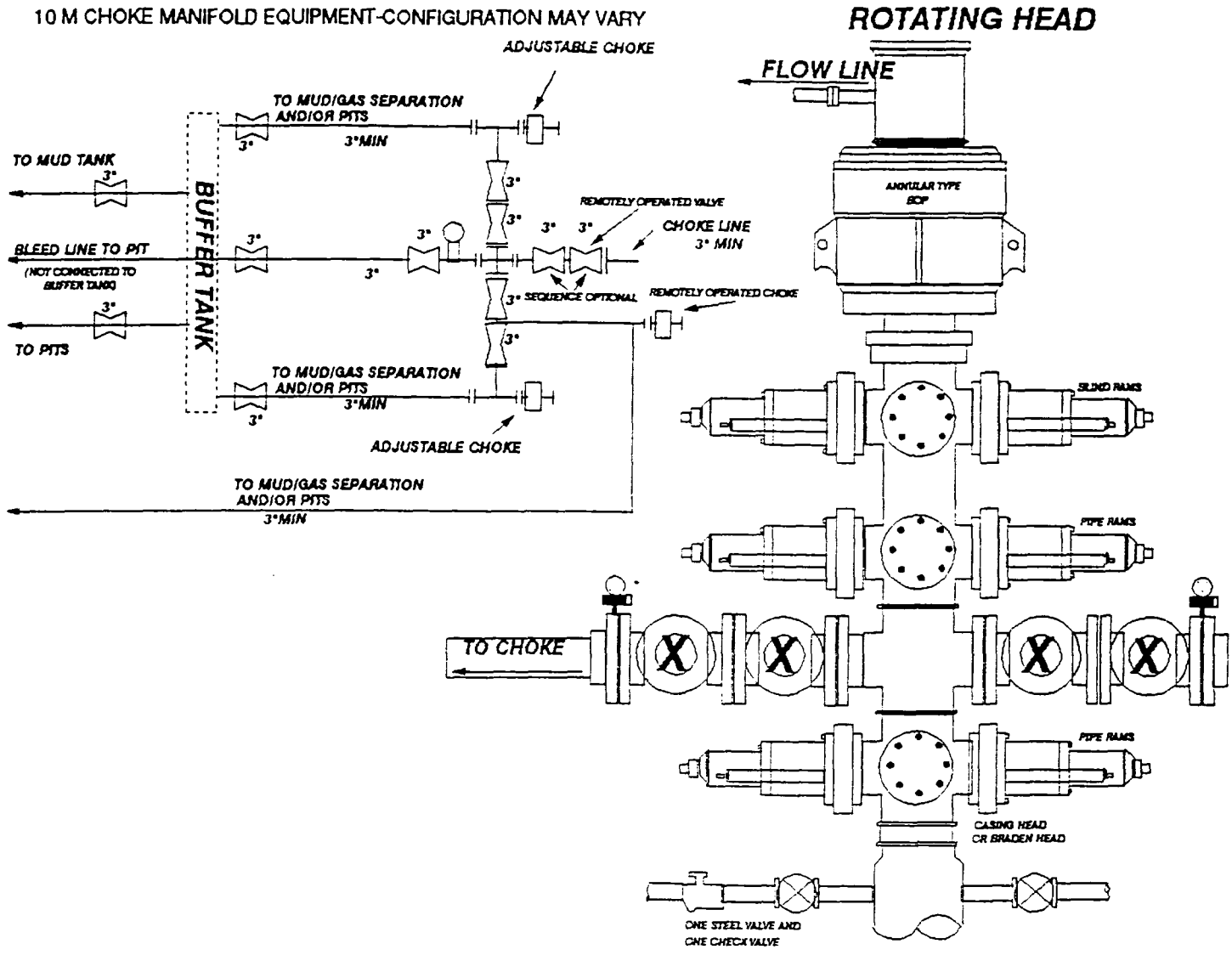
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bass Enterprises Production Co. and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/31/00
Date

J.C. Ward for
William R. Dannels

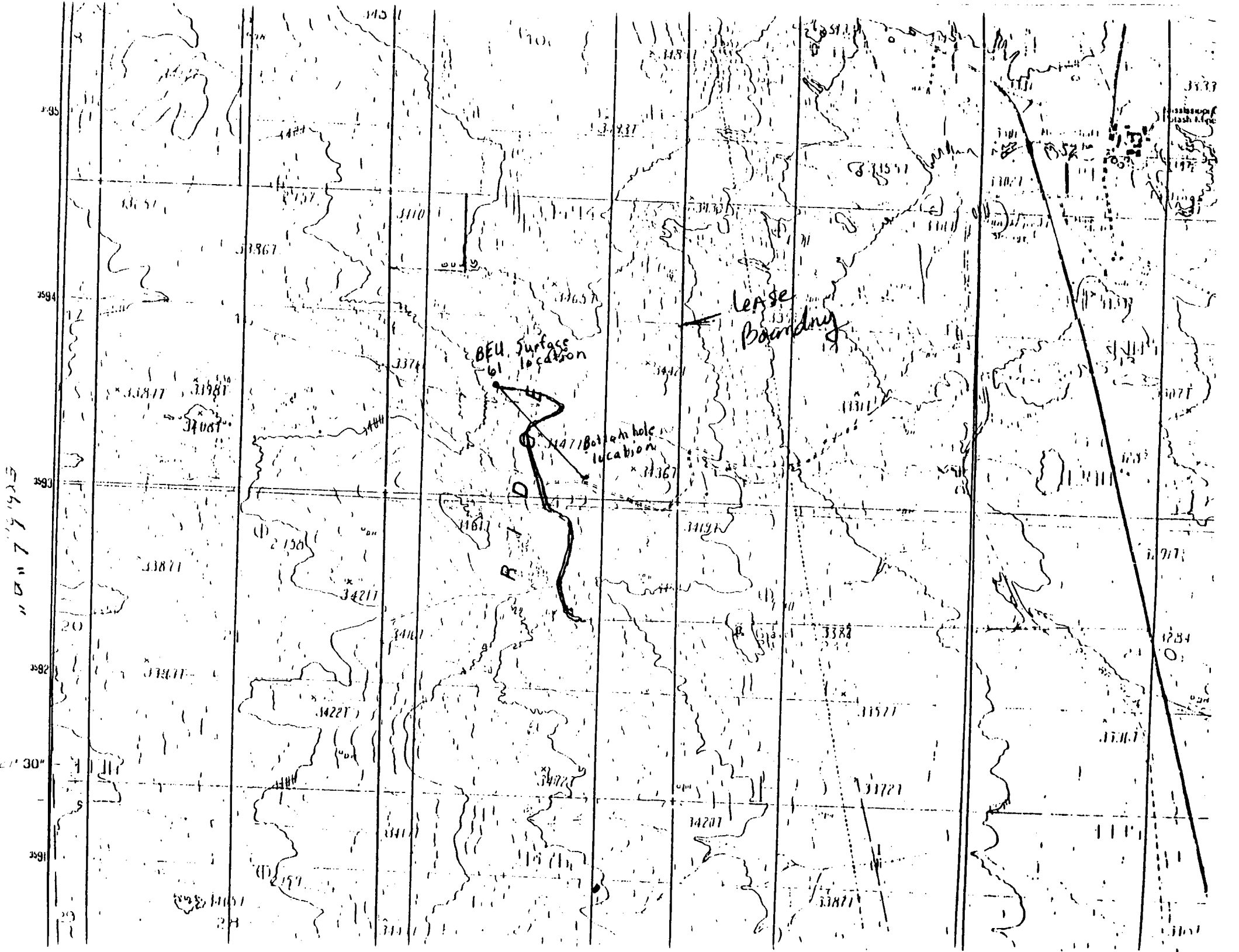
WRD/JCW:mac

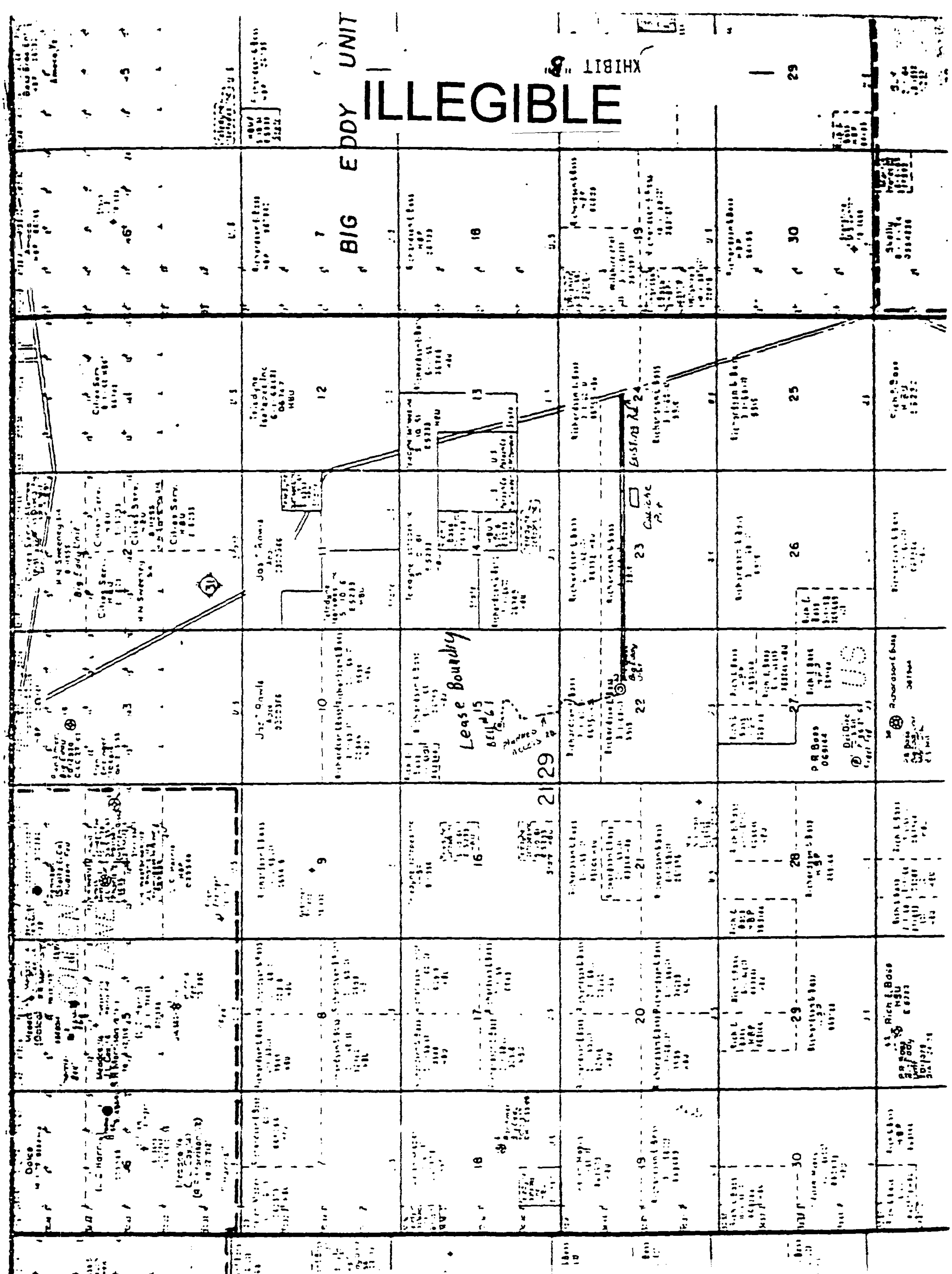
10-M. WP BOPE WITH 5-M WP ANNULAR



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS:

A. Opening between the ram to be flanged, studded, or clamped.
B. All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch diameter.
C. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventors.
D. ALL connections to and from preventer to have a pressure rating equivalent to that of the BOPs.
E. Manual controls to be installed before drilling cement plug.
F. Kelly cock to be installed on kelly.
G. Inside blowout preventer to be available on rig floor.
H. Dual operating controls: one located by drillers position and the other located a safe distance from the rig floor.
I. All chokes will be adjustable.


Lease Boundary
BEU Surface location
Bottom hole location



ILLEGIBLE
BIG EDDY UNIT
Lease Boundry
Existing Rd
Caliche Pit

ILLEGIBLE

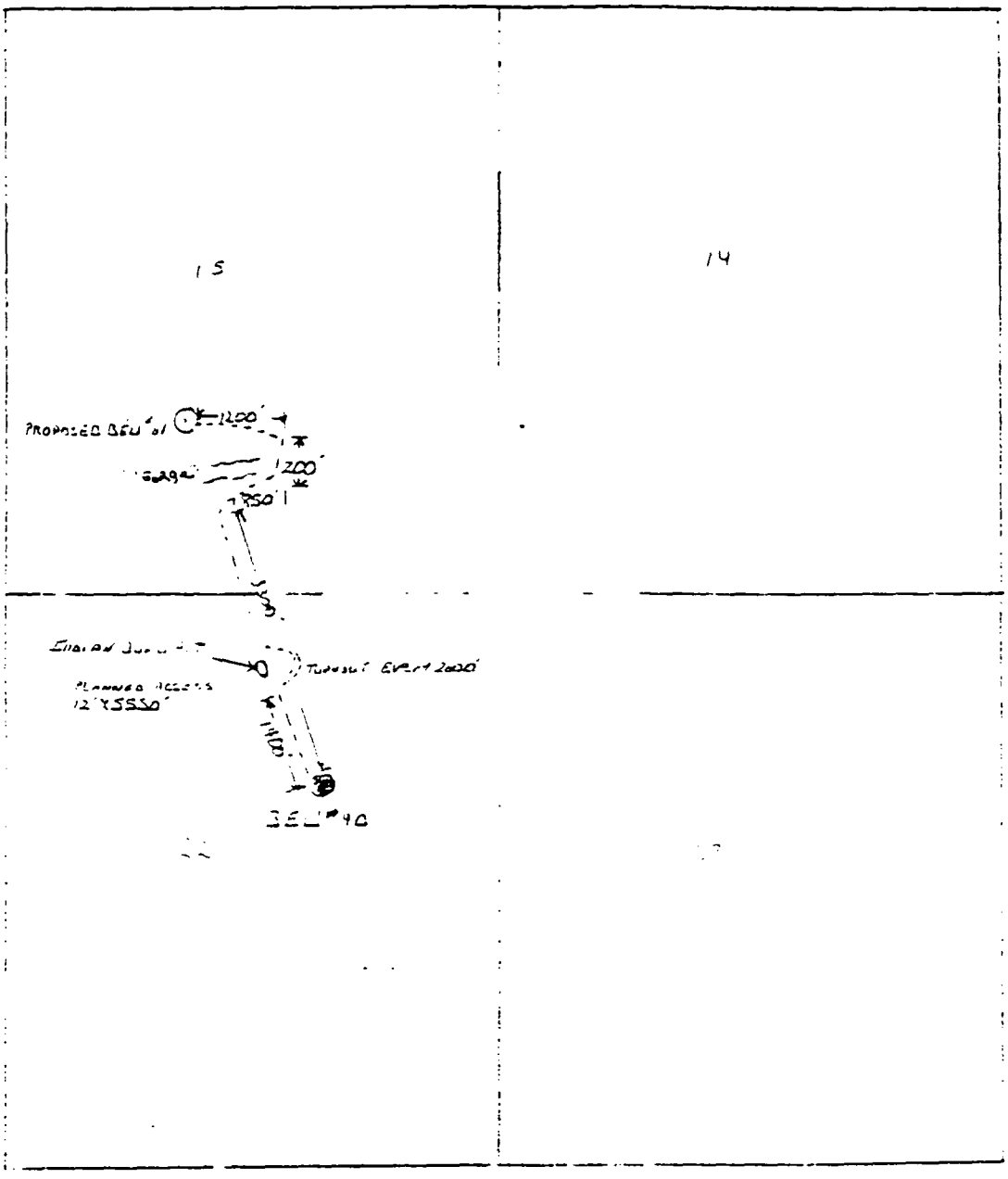
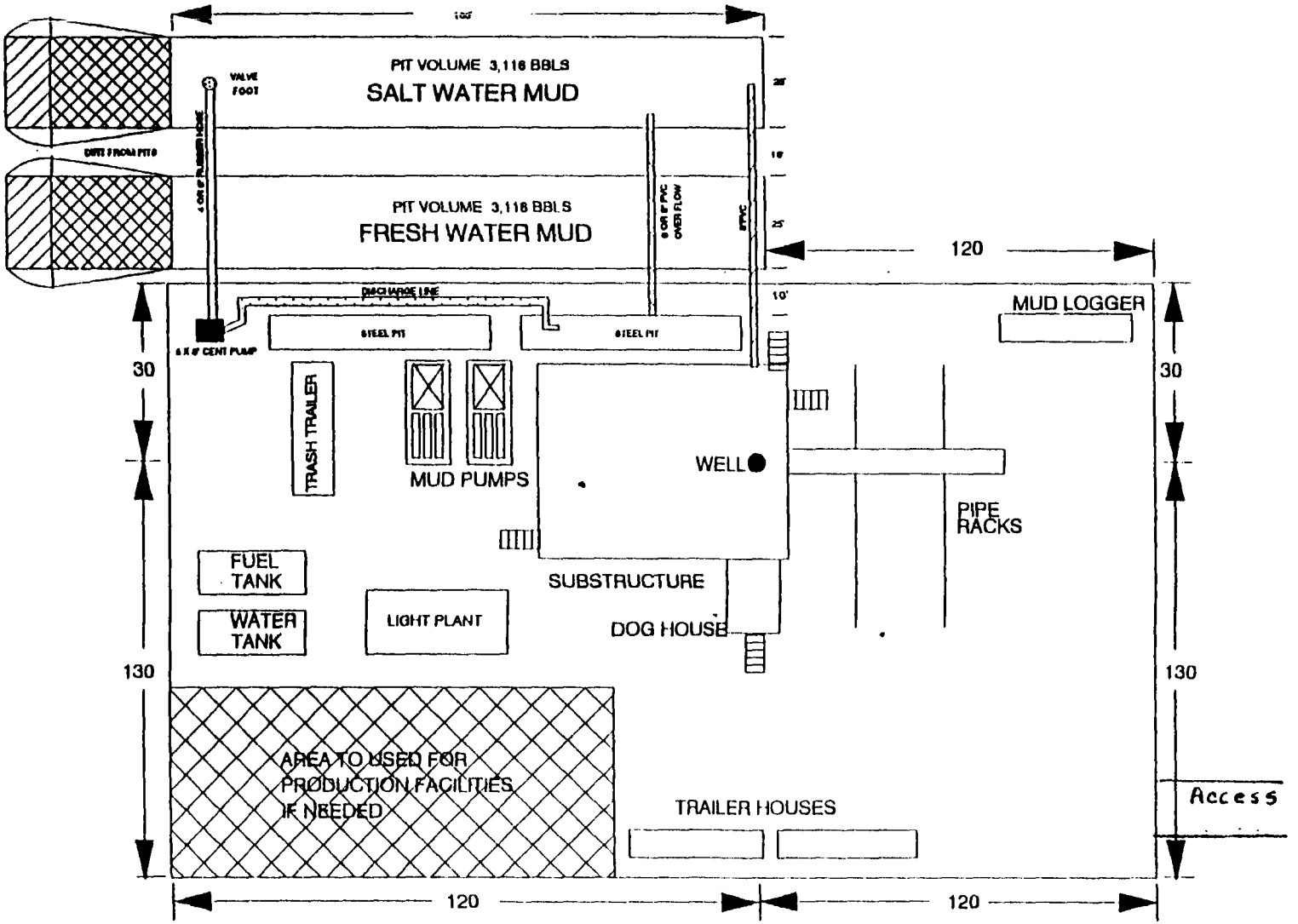
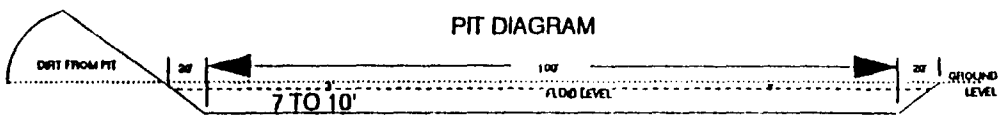


EXHIBIT "B"-1





PIT DIAGRAM

LINE PITS WITH 20 MILL PLASTIC

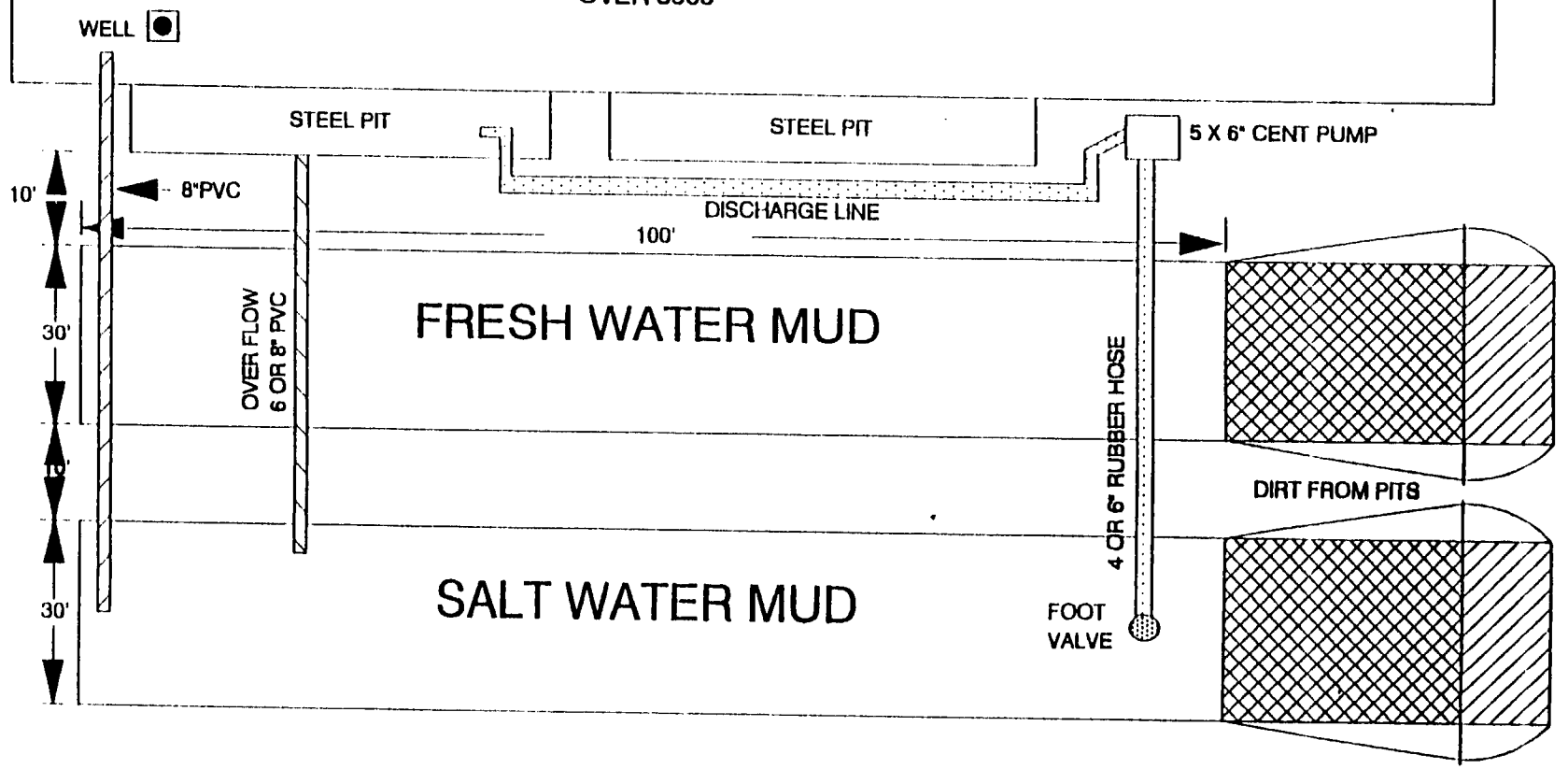
EXHIBIT "C"

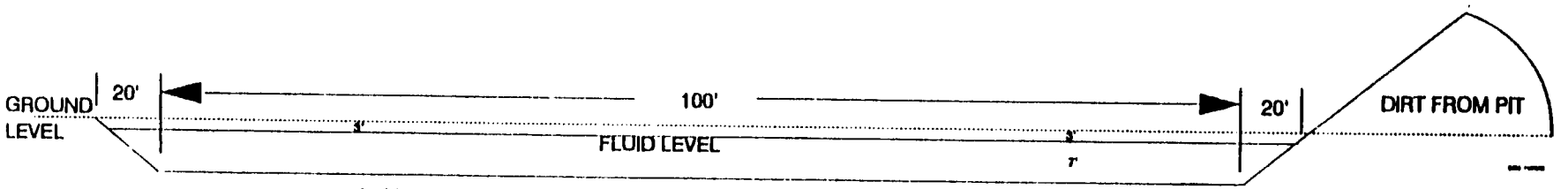
11/17/93 BGH

BASS ENTERPRISES PRODUCTION COMPANY

PIT DIAGRAM

OVER 8500'





LINE PITS WITH 20 MILL PLASTIC

Proposed Well Profile

Report Date:	August 31, 2000	**Survey / DLS Computation Method:**	Minimum Curvature / Lubinsk
Client:	Bass Enterprises Production Company	**Vertical Section Azimuth:**	135.000°
Field:	Eddy County, NM	**Vertical Section Origin:**	N 0.000 ft, E 0.000 ft
Structure / Slot:	Big Eddy #61A / Slant Well	**TVD Reference Datum:**	
Well:	Big Eddy #61A	**TVD Reference Elevation:**	3414.0 ft relative to
Borehole:	Big Eddy #61A	**Sea Bed / Ground Level Elevation:**	0.000 ft relative to
UWI/API#:		**Magnetic Declination:**	9.274°
Proposal Name / Modified Date:	Rev 4 / August 31, 2000	**Total Field Strength:**	49752.050 nT
Tort / AHD / DDI /ERD ratio:	51.473° / 2333.44 ft / 5.117 / 0.201	**Magnetic Dip:**	60.316°
Grid Coordinate System:	NAD27 New Mexico State Planes, Eastern Zone, US Feet	**Declination Date:**	August 31, 2000
Location Lat/Long:	N 32 9 16.621, W 104 14 52.902	**Magnetic Declination Model:**	IGRF 1999
Location Grid N/E Y/X:	N 419981.400 ftUS, E 526399.600 ftUS	**North Reference:**	Grid North
Grid Convergence Angle:	+0.04539979°	**Total Corr Mag North -> Grid North:**	+9.229°
Grid Scale Factor:	0.99990989	**Local Coordinates Referenced To:**	Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/-S (ft)	E/-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	9000.00	0.00	135.00	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
KOP	9100.00	0.00	135.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	135.0MTF
	9200.00	4.30	135.00	9199.91	3.75	-2.65	2.65	3.75	135.00	4.30	135.0MTF
	9300.00	8.60	135.00	9299.25	14.99	-10.60	10.60	14.99	135.00	4.30	0.0
	9400.00	12.90	135.00	9397.47	33.64	-23.79	23.79	33.64	135.00	4.30	0.0
	9500.00	17.21	135.00	9494.01	59.61	-42.15	42.15	59.61	135.00	4.30	0.0
	9600.00	21.51	135.00	9588.34	92.75	-65.58	65.58	92.75	135.00	4.30	0.0
	9700.00	25.81	135.00	9679.91	132.87	-93.95	93.95	132.87	135.00	4.30	0.0
	9800.00	30.11	135.00	9768.22	179.74	-127.10	127.10	179.74	135.00	4.30	0.0
	9900.00	34.41	135.00	9852.76	233.11	-164.83	164.83	233.11	135.00	4.30	0.0
	10000.00	38.71	135.00	9933.06	292.67	-206.95	206.95	292.67	135.00	4.30	0.0
	10100.00	43.02	135.00	10008.67	358.08	-253.20	253.20	358.08	135.00	4.30	0.0
	10200.00	47.32	135.00	10079.16	428.98	-303.34	303.34	428.98	135.00	4.30	0.0

EOC	10296.58	51.47	135.00	10142.00	502.29	-355.17	355.17	502.29	135.00	4.30	0.0
	10300.00	51.47	135.00	10144.13	504.97	-357.06	357.06	504.97	135.00	0.00	0.0
	10400.00	51.47	135.00	10206.42	583.20	-412.38	412.38	583.20	135.00	0.00	0.0
	10500.00	51.47	135.00	10268.71	661.43	-467.70	467.70	661.43	135.00	0.00	0.0
	10600.00	51.47	135.00	10331.00	739.66	-523.02	523.02	739.66	135.00	0.00	0.0
	10700.00	51.47	135.00	10393.29	817.89	-578.33	578.33	817.89	135.00	0.00	0.0
	10800.00	51.47	135.00	10455.58	896.12	-633.65	633.65	896.12	135.00	0.00	0.0
	10900.00	51.47	135.00	10517.87	974.35	-688.97	688.97	974.35	135.00	0.00	0.0
	11000.00	51.47	135.00	10580.16	1052.58	-744.28	744.28	1052.58	135.00	0.00	0.0
	11100.00	51.47	135.00	10642.45	1130.81	-799.60	799.60	1130.81	135.00	0.00	0.0
	11200.00	51.47	135.00	10704.74	1209.04	-854.92	854.92	1209.04	135.00	0.00	0.0
	11300.00	51.47	135.00	10767.03	1287.27	-910.24	910.24	1287.27	135.00	0.00	0.0
	11400.00	51.47	135.00	10829.32	1365.50	-965.55	965.55	1365.50	135.00	0.00	0.0
	11500.00	51.47	135.00	10891.61	1443.73	-1020.87	1020.87	1443.73	135.00	0.00	0.0
	11600.00	51.47	135.00	10953.90	1521.96	-1076.19	1076.19	1521.96	135.00	0.00	0.0
	11700.00	51.47	135.00	11016.19	1600.19	-1131.51	1131.51	1600.19	135.00	0.00	0.0
	11800.00	51.47	135.00	11078.48	1678.42	-1186.82	1186.82	1678.42	135.00	0.00	0.0
Top of Strawn	11834.55	51.47	135.00	11100.00	1705.45	-1205.94	1205.94	1705.45	135.00	0.00	0.0
	11900.00	51.47	135.00	11140.77	1756.65	-1242.14	1242.14	1756.65	135.00	0.00	0.0
	12000.00	51.47	135.00	11203.06	1834.88	-1297.46	1297.46	1834.88	135.00	0.00	0.0
Top of Pay	12051.28	51.47	135.00	11235.00	1875.00	-1325.82	1325.82	1875.00	135.00	0.00	0.0
	12100.00	51.47	135.00	11265.35	1913.11	-1352.77	1352.77	1913.11	135.00	0.00	0.0
	12200.00	51.47	135.00	11327.64	1991.34	-1408.09	1408.09	1991.34	135.00	0.00	0.0
	12300.00	51.47	135.00	11389.93	2069.57	-1463.41	1463.41	2069.57	135.00	0.00	0.0
	12400.00	51.47	135.00	11452.22	2147.80	-1518.73	1518.73	2147.80	135.00	0.00	0.0
	12500.00	51.47	135.00	11514.51	2226.03	-1574.04	1574.04	2226.03	135.00	0.00	0.0
	12600.00	51.47	135.00	11576.80	2304.26	-1629.36	1629.36	2304.26	135.00	0.00	0.0
PBHL/TD	12637.29	51.47	135.00	11600.00	2333.45	-1650.00	1650.00	2333.45	135.00	0.00	0.0

Survey Error Model: *(No Error Model Selected)*

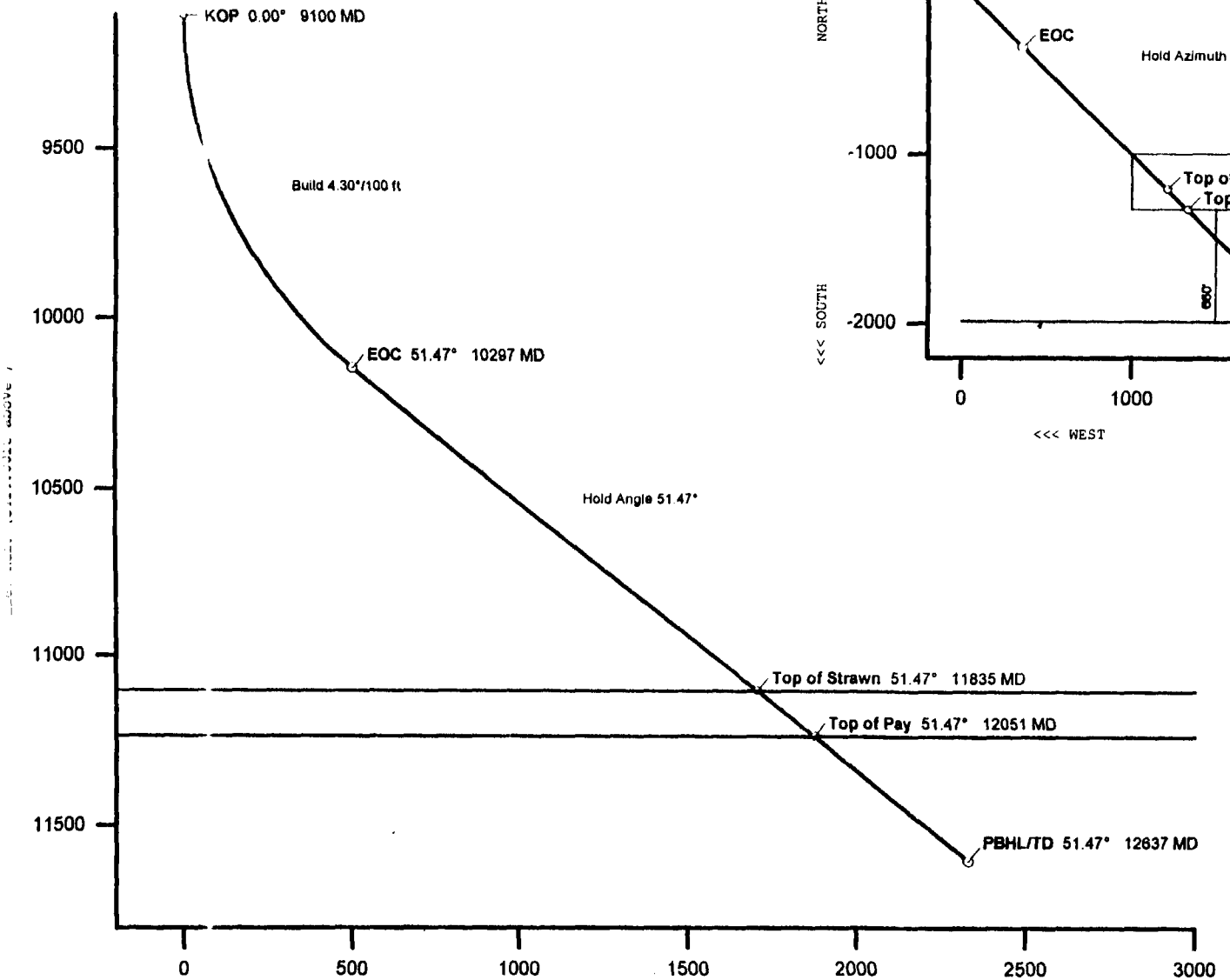
Schlumberger

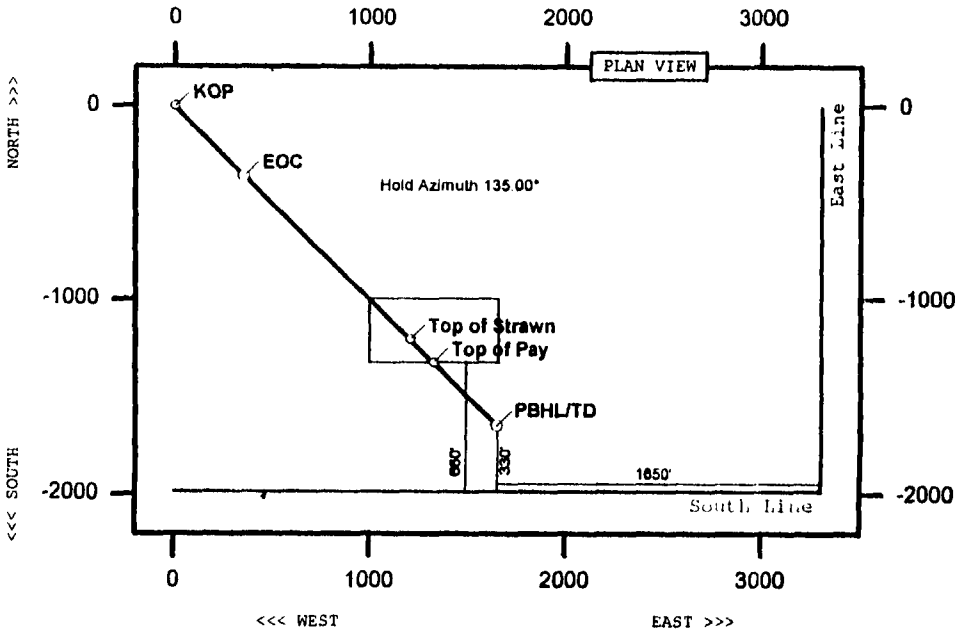
Bass Enterprises Production Company

WELL	FIELD	STRUCTURE
Big Eddy #61A	Eddy County, NM	Big Eddy #61A

Grid North
Tot Corr (E 9.23°)
Mag Dec (E 9.27°)
Grid Conv (E 0.05°)

Vertical Section View





Quality Control
Date Drawn: 31-Aug-2000
Drawn by: Ernie Fontenot
Checked by: _____
Client OK: _____